

Converting Colors

XYZ(71.6320, 75.4633, 82.7435)

Have a look what the booklet for
XYZ(71.6320, 75.4633, 82.7435)
contains.

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Color

**XYZ(71.3932, 75.1887,
82.7016)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0E1E2 |
| RGB | 224, 225, 226 |
| RGB Percent | 88%, 88%, 89% |
| CMY | 0.1216, 0.1176, 0.1137 |
| CMYK | 0.01, 0.00, 0.00, 0.11 |
| HSL | 210°, 3%, 88% |
| HSV | 210°, 1%, 89% |
| XYZ | 71.3932, 75.1887, 82.7016 |
| YIQ | 224.8150, -0.9170, 0.0990 |

Conversions

Conversions Part 2

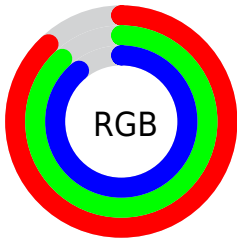
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 224, 225, 226 |
| Decimal | 14737890 |
| CIE Lab | 89.48, -0.15, -0.62 |
| CIE LCh | 89, 0.634, 256.172 |
| Yxy | 75.1887, 0.3114, 0.3279 |
| Android (android.graphics.Color) | 4292927970 (0xFFE0E1E2) |
| YUV | 224.8150, 0.5842, -0.7148 |
| Hunter-Lab | 86.7114, -4.7783, 4.1498 |

Details

The XYZ color **71.3932, 75.1887, 82.7016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7440, 75.4003, 81.2946**, and the grayscale version is **71.4334, 75.1535, 81.8422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0876, 40.1247, 44.2655** is the 20% darker color. If you saturate the color by 10%, you get **61.9055, 65.9289, 81.4155**, and if you desaturate by 10%, it is **82.0170, 85.3364, 84.1015**.

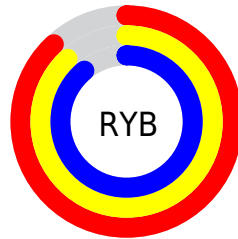
Distribution



Red (88%)

Green (88%)

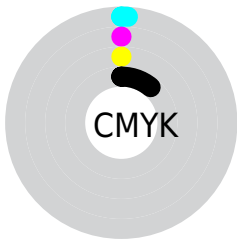
Blue (89%)



Red (88%)

Yellow (88%)

Blue (89%)

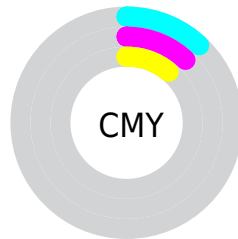


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3932, 75.1887, 82.7016 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.3932, 75.1887, 82.7016 by changing the saturation by 10% instead.

■ 71.3932, 75.1887,
82.7016

■ 71.3932, 75.1887,
82.7016

454.6173,
478.5659, 523.9364

■ 52.9468, 55.7675,
61.4048

120.2089,
126.5794, 139.0029

■ 37.9876, 40.0165,
44.1193

151.3089,
159.3178, 174.8446

■ 26.1503, 27.5514,
30.4264

187.3576,
197.2639, 216.3716

■ 17.0694, 17.9878,
19.9077

228.7202,
240.8023, 264.0026

■ 10.3796, 10.9412,
12.1445

275.7621,
290.3173, 318.1560

■ 5.7155, 6.0273,
6.7185

328.8487,

■ 2.7119, 2.8617,

346.1933, 379.2504

3.2109

388.3453,
408.8147, 447.7044

■ 1.0033, 1.0600,
1.2033

■ 0.0000, 0.0000,
0.0000

■ 71.3932, 75.1887,
82.7016

■ 71.3932, 75.1887,
82.7016

■ 61.9055, 65.9289,
81.4155

■ 82.0170, 85.3364,
84.1015

■ 53.5070, 57.5208,
80.2352

■ 88.3890, 93.5937,
85.3595

■ 46.1573, 49.9397,
79.1593

■ 90.7277, 98.2711,
86.1390

■ 39.8104, 43.1560,
78.1844

■ 34.4170, 37.1380,
77.3071

■ 29.9232, 31.8513,
76.5235

■ 26.2691, 27.2584,
75.8296

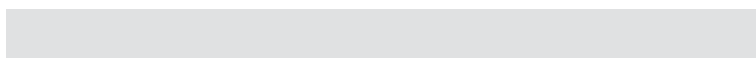
■ 23.3865, 23.3172,
75.2208

■ 21.1949, 19.9788,
74.6919

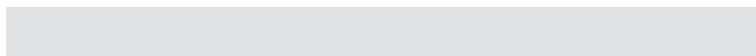
Harmonies

Analogous

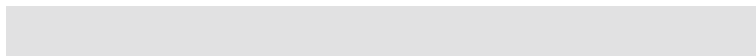
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2579, 75.1887, 82.4867



71.3932, 75.1887, 82.7016



71.5479, 75.1887, 82.6925

Triad

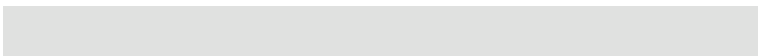
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3932, 75.1887, 82.7016



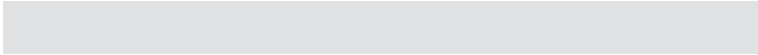
71.7520, 75.1887, 81.6296



71.2492, 75.1887, 81.2764

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.3932, 75.1887, 82.7016



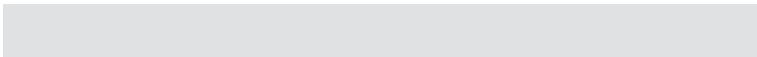
71.7440, 75.4003, 81.2946

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3814, 75.1887, 81.0484



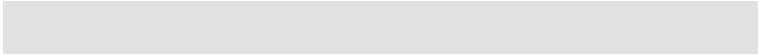
71.3932, 75.1887, 82.7016



71.6718, 75.1887, 81.2518

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



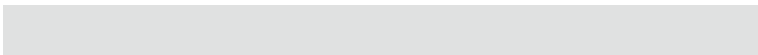
71.3932, 75.1887, 82.7016



71.7552, 75.1887, 82.0724



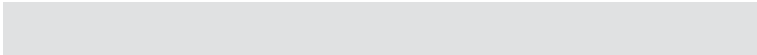
71.5361, 75.1887, 81.0394



71.1748, 75.1887, 81.6633

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



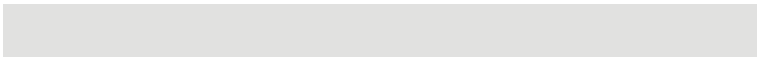
71.3932, 75.1887, 82.7016



71.6411, 75.1887, 82.5606



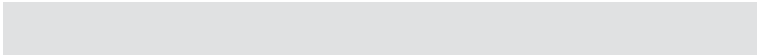
71.5361, 75.1887, 81.0394



71.2884, 75.1887, 81.1787

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.3953, 75.1919, 82.7032

95.0500, 100.0000, 108.9000



71.5241, 75.6757, 82.0487



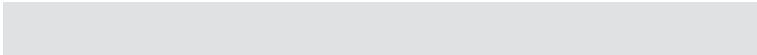
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

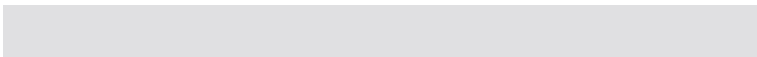
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3953, 75.1919, 82.7032



93.7141, 98.7117, 108.7217



71.1338, 74.6688, 82.6161



15.2558, 16.0682, 17.6851



11.3452, 10.1599, 42.4115



0.8759, 0.8833, 2.9696

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.6120, 74.9178, 81.9242



94.0380, 98.3022, 107.5569



72.0071, 75.9264, 81.3823



15.3052, 16.0057, 17.5074



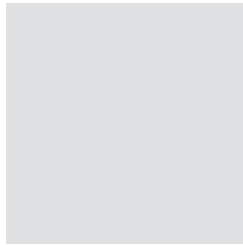
19.6667, 9.9337, 10.1767



1.4084, 0.7066, 0.9434

Previews

White Background



This preview shows how the XYZ color 71.3932, 75.1887, 82.7016 looks on a white background.

Color Contrast Check

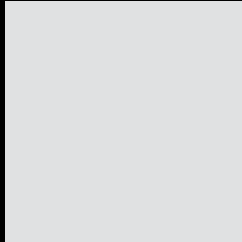
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.3932, 75.1887, 82.7016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

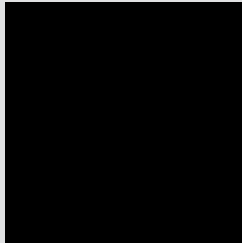
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

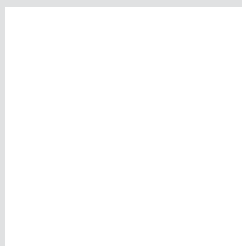
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3932, 75.1887, 82.7016

Background



This preview shows how black text looks on a background with the XYZ color 71.3932, 75.1887, 82.7016.

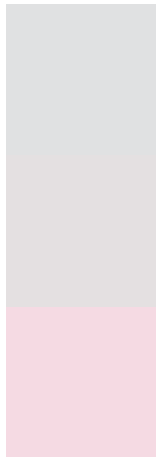


This preview shows how white text looks on a background with the XYZ color 71.3932, 75.1887,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.3932, 75.1887, 82.7016

Protanopia

72.2412, 75.2415, 81.9497

Deuteranopia

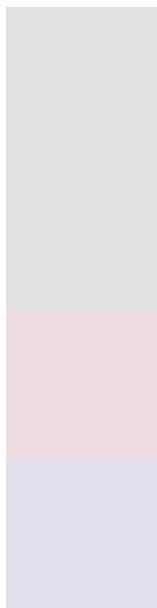
76.5927, 75.1013, 83.1322



Tritanopia

73.4799, 75.2354, 93.0871

Trichromacy



Original Color

71.3932, 75.1887, 82.7016

Protanomaly

71.9248, 75.0784, 81.9349

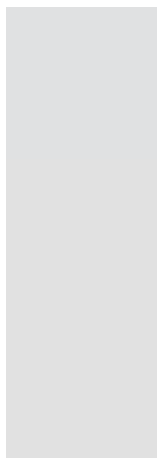
Deuteranomaly

74.6466, 75.2635, 83.2660

Tritanomaly

72.7024, 75.3170, 89.3031

Monochromacy



Original Color

71.3932, 75.1887, 82.7016

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5672, 75.2942, 81.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3932, 75.1887, 82.7016 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(224, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.3932, 75.1887, 82.7016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 225, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 225, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 71.3932, 75.1887, 82.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
225, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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