

Converting Colors

XYZ(71.1758, 74.9249, 83.6047)

Have a look what the booklet for
XYZ(71.1758, 74.9249, 83.6047)
contains.

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Color

**XYZ(71.2218, 75.0845,
83.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE1E3
RGB	223, 225, 227
RGB Percent	87%, 88%, 89%
CMY	0.1255, 0.1176, 0.1098
CMYK	0.02, 0.01, 0.00, 0.11
HSL	210°, 7%, 88%
HSV	210°, 2%, 89%
XYZ	71.2218, 75.0845, 83.4120
YIQ	224.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

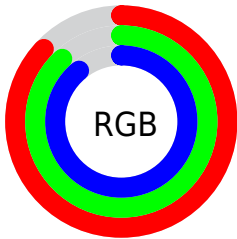
Format	Color
RYB	223, 224, 227
Decimal	14672355
CIELab	89.43, -0.31, -1.22
CIElCh	89, 1.258, 255.953
Yxy	75.0845, 0.3100, 0.3269
Android (android.graphics.Color)	4292862435 (0xFFDFE1E3)
YUV	224.6300, 1.1684, -1.4295
Hunter-Lab	86.6513, -4.9243, 3.5824

Details

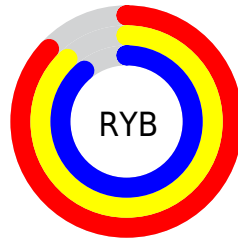
The XYZ color **71.2218, 75.0845, 83.4120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9232, 75.5082, 80.5970**, and the grayscale version is **71.2971, 75.0102, 81.6861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9696, 40.0528, 44.7595** is the 20% darker color. If you saturate the color by 10%, you get **61.7302, 65.7968, 82.1207**, and if you desaturate by 10%, it is **81.8585, 85.2684, 84.8182**.

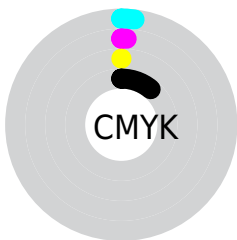
Distribution



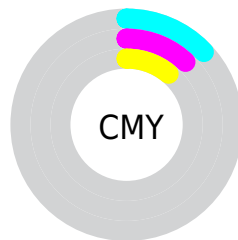
- Red (87%)
- Green (88%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2218, 75.0845, 83.4120 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 71.2218, 75.0845, 83.4120 by changing the saturation by 10% instead.

■ 71.2218, 75.0845,
83.4120

■ 71.2218, 75.0845,
83.4120

454.0282,
478.2080, 526.3655

■ 52.8064, 55.6821,
61.9875

119.9663,
126.4320, 140.0067

■ 37.8751, 39.9481,
44.5869

151.0261,
159.1458, 176.0141

■ 26.0625, 27.4981,
30.7916

187.0314,
197.0657, 217.7194

■ 17.0034, 17.9477,
20.1831

228.3476,
240.5759, 265.5413

■ 10.3322, 10.9124,
12.3428

275.3400,
290.0608, 319.8984

■ 5.6837, 6.0080,
6.8522

328.3740,

■ 2.6926, 2.8499,

345.9048, 381.2091

3.2928

387.8150,
408.4924, 449.8919

■ 0.9933, 1.0539,
1.2460

■ 0.0000, 0.0000,
0.0169

■ 71.2218, 75.0845,
83.4120

■ 71.2218, 75.0845,
83.4120

■ 61.7302, 65.7968,
82.1207

■ 81.8585, 85.2684,
84.8182

■ 53.3365, 57.3688,
80.9363

■ 88.5690, 93.7335,
86.0984

■ 45.9991, 49.7753,
79.8573

■ 90.8653, 98.3261,
86.8639

■ 39.6716, 42.9860,
78.8804

■ 34.3036, 36.9688,
78.0019

■ 29.8401, 31.6885,
77.2179

■ 26.2199, 27.1068,
76.5244

■ 23.3733, 23.1807,
75.9166

■ 21.2172, 19.8598,
75.3892

Harmonies

Analogous

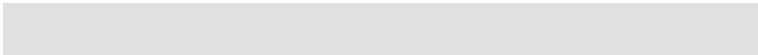
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9543, 75.0845, 82.9804



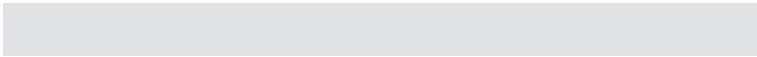
71.2218, 75.0845, 83.4120



71.5286, 75.0845, 83.3972

Triad

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



71.2218, 75.0845, 83.4120



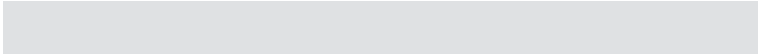
71.9369, 75.0845, 81.2886



70.9404, 75.0845, 80.5798

Complementary

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



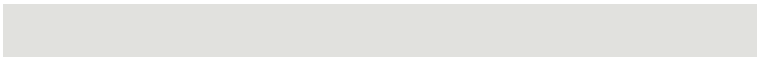
71.2218, 75.0845, 83.4120



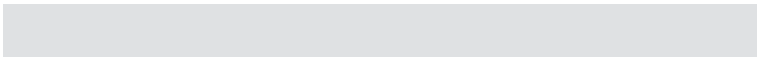
71.9232, 75.5082, 80.5970

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.



71.2028, 75.0845, 80.1330



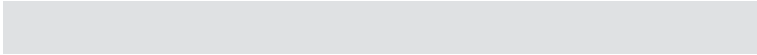
71.2218, 75.0845, 83.4120



71.7784, 75.0845, 80.5403

Square

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



71.2218, 75.0845, 83.4120



71.9421, 75.0845, 82.1670



71.5095, 75.0845, 80.1186



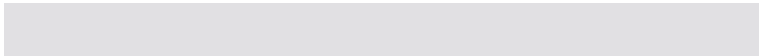
70.7921, 75.0845, 81.3429

Rectangle

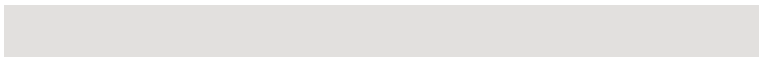
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



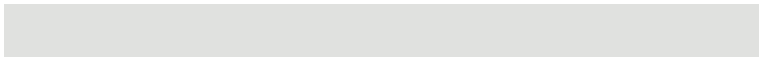
71.2218, 75.0845, 83.4120



71.7141, 75.0845, 83.1360



71.5095, 75.0845, 80.1186



71.0182, 75.0845, 80.3879

Sweetspot

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



71.2239, 75.0877, 83.4136



93.7134, 98.7103, 108.7215



71.4832, 76.0599, 82.1011



20.0726, 21.1417, 23.2728



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

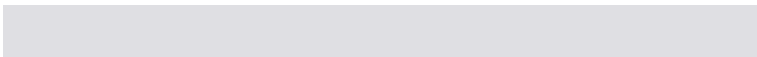
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2239, 75.0877, 83.4136



92.3919, 97.4324, 108.5445



70.7032, 74.0462, 83.2401



15.7931, 16.6524, 18.5262



11.6936, 10.4494, 43.7838



0.9570, 0.9580, 3.2664

Inverse Universe

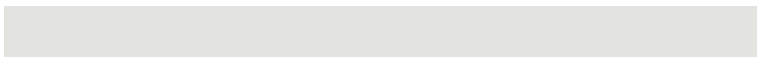
The Inverse Universe completely reimagines the original color for something new.



71.6585, 74.5439, 81.8496



93.0374, 96.6262, 106.2210



72.4498, 76.5615, 80.7725



15.8967, 16.5228, 18.1532



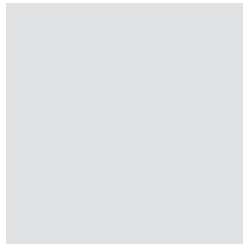
20.2959, 10.2526, 10.4532



1.5467, 0.7764, 1.0194

Previews

White Background



This preview shows how the XYZ color 71.2218, 75.0845, 83.4120 looks on a white background.

Color Contrast Check

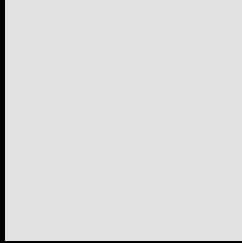
Large Text (above 18pt) WCAG AA × Fail

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 71.2218, 75.0845, 83.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

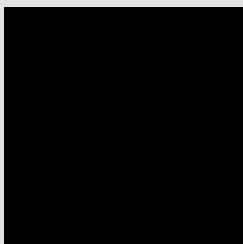
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

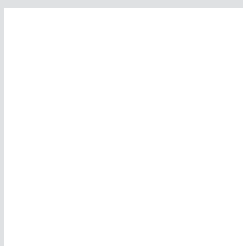
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2218, 75.0845, 83.4120

Background



This preview shows how black text looks on a background with the XYZ color 71.2218, 75.0845, 83.4120.



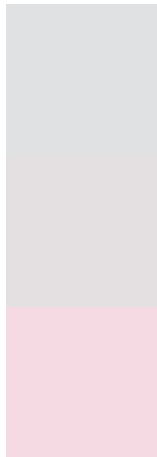
This preview shows how white text looks on a background with the XYZ color 71.2218, 75.0845,

83.4120.

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

71.2218, 75.0845, 83.4120

Protanopia

72.3780, 75.2963, 82.6704

Deuteranopia

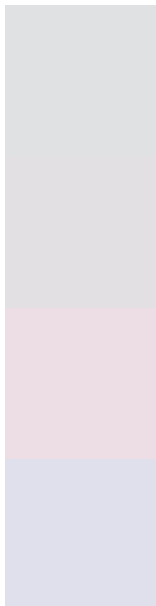
76.7312, 75.1567, 83.8613



Tritanopia

73.3162, 75.1338, 93.8572

Trichromacy



Original Color

71.2218, 75.0845, 83.4120

Protanomaly

71.7472, 74.9710, 82.6409

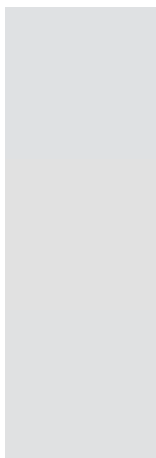
Deuteranomaly

74.7851, 75.3189, 83.9952

Tritanomaly

72.5364, 75.2147, 90.0517

Monochromacy



Original Color

71.2218, 75.0845, 83.4120

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.3932, 75.1887, 82.7016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2218, 75.0845, 83.4120 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(223, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(223, 225, 227)  
}
```

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(223, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 71.2218, 75.0845, 83.4120 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(223, 225, 227) }
```


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

```
.border{ border-color:rgb(223, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2218, 75.0845, 83.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 225, 227) }
```

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

```
.background{ background-color: rgb(223,  
225, 227) }
```

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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