

Converting Colors

XYZ(71.2164, 75.0382, 82.9195)

Have a look what the booklet for
XYZ(71.2164, 75.0382, 82.9195)
contains.

XYZ(71.0841, 75.0294, 82.6871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(71.0841, 75.0294,
82.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE1E2
RGB	223, 225, 226
RGB Percent	87%, 88%, 89%
CMY	0.1255, 0.1176, 0.1137
CMYK	0.01, 0.00, 0.00, 0.11
HSL	200°, 5%, 88%
HSV	200°, 1%, 89%
XYZ	71.0841, 75.0294, 82.6871
YIQ	224.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

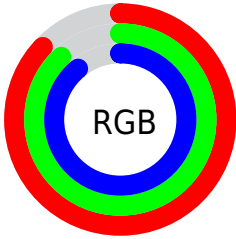
Format	Color
R _{YB}	223, 224, 226
Decimal	14672354
CIE Lab	89.41, -0.49, -0.73
CIE LCh	89, 0.880, 236.407
Yxy	75.0294, 0.3107, 0.3279
Android (android.graphics.Color)	4292862434 (0xFFDFE1E2)
YUV	224.5160, 0.7316, -1.3295
Hunter-Lab	86.6195, -5.0985, 4.0353

Details

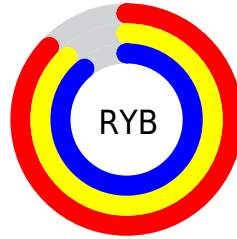
The XYZ color **71.0841, 75.0294, 82.6871** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3390, 74.8069, 80.4923**, and the grayscale version is **71.2183, 74.9272, 81.5957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8739, 40.0146, 44.2555** is the 20% darker color. If you saturate the color by 10%, you get **62.5966, 67.7100, 81.7228**, and if you desaturate by 10%, it is **80.5945, 83.0127, 83.7279**.

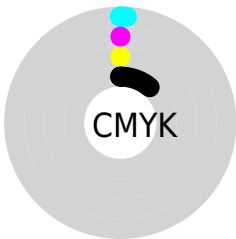
Distribution



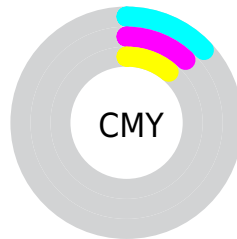
- Red (87%)
- Green (88%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0841, 75.0294, 82.6871 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 71.0841, 75.0294, 82.6871 by changing the saturation by 10% instead.

■ 71.0841, 75.0294,
82.6871

■ 71.0841, 75.0294,
82.6871

453.5546,
478.0186, 523.8868

■ 52.6936, 55.6370,
61.3929

119.7713,
126.3540, 138.9824

■ 37.7847, 39.9119,
44.1097

150.7988,
159.0549, 174.8207

■ 25.9921, 27.4699,
30.4190

186.7693,
196.9608, 216.3441

■ 16.9504, 17.9264,
19.9021

228.0481,
240.4561, 263.9712

■ 10.2942, 10.8972,
12.1405

275.0008,
289.9251, 318.1204

■ 5.6582, 5.9977,
6.7157

327.9925,

■ 2.6771, 2.8437,

345.7523, 379.2104

3.2092

387.3887,
408.3220, 447.6597

■ 0.9854, 1.0507,
1.2024

■ 0.0000, 0.0000,
0.0000

■ 71.0841, 75.0294,
82.6871

■ 71.0841, 75.0294,
82.6871

■ 62.5966, 67.7100,
81.7228

■ 80.5945, 83.0127,
83.7279

■ 55.0878, 61.0238,
80.8280

■ 86.1321, 89.0799,
84.6071

■ 48.5199, 54.9516,
80.0021

■ 88.3875, 93.5906,
85.3589

■ 42.8498, 49.4695,
79.2428

■ 90.7277, 98.2711,
86.1390

■ 38.0310, 44.5517,
78.5475

■ 34.0124, 40.1701,
77.9136

■ 30.7372, 36.2935,
77.3380

■ 28.1402, 32.8864,
76.8172

■ 26.1437, 29.9068,
76.3473

Harmonies

Analogous

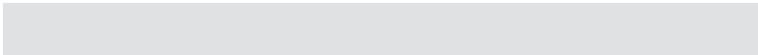
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9426, 75.0294, 82.2234



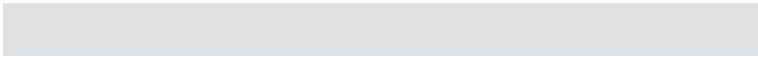
71.0841, 75.0294, 82.6871



71.2872, 75.0294, 82.8848

Triad

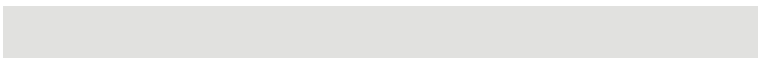
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0841, 75.0294, 82.6871



71.7277, 75.0294, 81.7687



71.1290, 75.0294, 80.6356

Complementary

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



71.0841, 75.0294, 82.6871



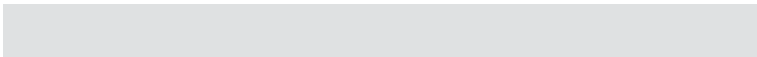
71.3390, 74.8069, 80.4923

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.



71.3392, 75.0294, 80.5152



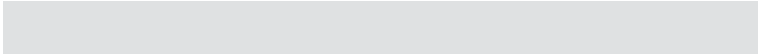
71.0841, 75.0294, 82.6871



71.6851, 75.0294, 81.1674

Square

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



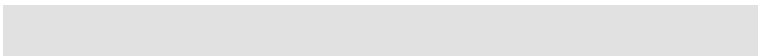
71.0841, 75.0294, 82.6871



71.6590, 75.0294, 82.3528



71.5428, 75.0294, 80.7094



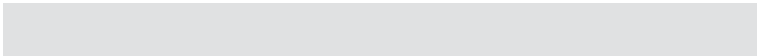
70.9685, 75.0294, 81.0392

Rectangle

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



71.0841, 75.0294, 82.6871



71.4303, 75.0294, 82.8383



71.5428, 75.0294, 80.7094



71.1962, 75.0294, 80.5608

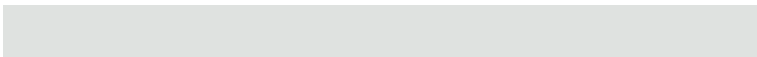
Sweetspot

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



71.0862, 75.0326, 82.6887

95.0500, 100.0000, 108.9000



71.0766, 75.4610, 81.3058



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

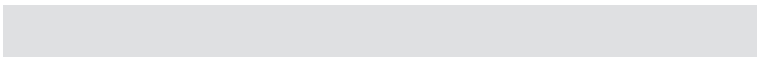
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0862, 75.0326, 82.6887



92.6606, 97.9698, 108.6341



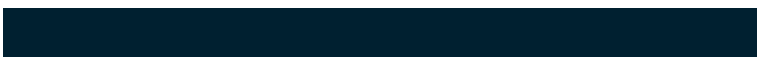
70.6948, 74.2498, 82.5583



15.0949, 15.9549, 17.6717



14.2540, 15.9776, 43.3811



1.0691, 1.2697, 3.0340

Inverse Universe

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



71.3439, 74.3817, 81.8349



93.1730, 96.6805, 106.9352



71.7315, 75.5917, 80.6231



15.1731, 15.7580, 17.4125



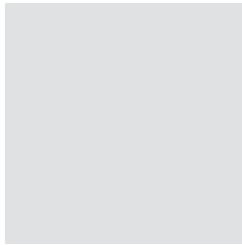
21.1350, 10.5210, 17.9084



1.5059, 0.7456, 1.4570

Previews

White Background



This preview shows how the XYZ color 71.0841, 75.0294, 82.6871 looks on a white background.

Color Contrast Check

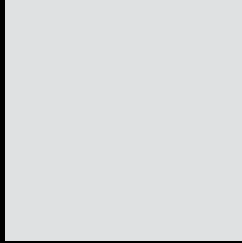
Large Text (above 18pt) WCAG AA × Fail

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 71.0841, 75.0294, 82.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

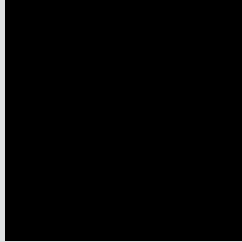
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

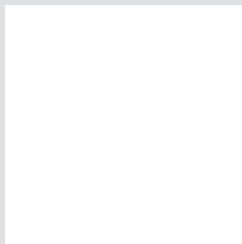
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0841, 75.0294, 82.6871

Background



This preview shows how black text looks on a background with the XYZ color 71.0841, 75.0294, 82.6871.

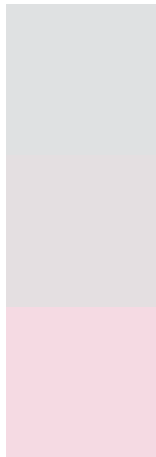


This preview shows how white text looks on a background with the XYZ color 71.0841, 75.0294,

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

71.0841, 75.0294, 82.6871

Protanopia

71.9732, 74.7056, 81.8604

Deuteranopia

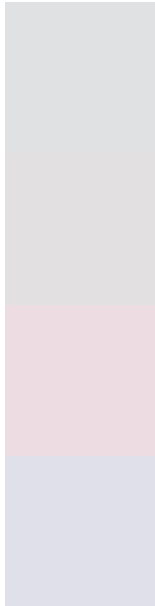
76.5927, 75.1013, 83.1322



Tritanopia

73.1672, 75.0742, 93.0725

Trichromacy



Original Color

71.0841, 75.0294, 82.6871

Protanomaly

71.6103, 74.9163, 81.9202

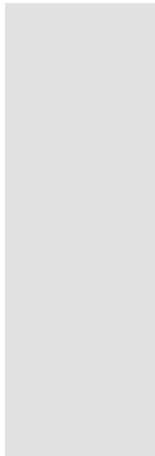
Deuteranomaly

74.6466, 75.2635, 83.2660

Tritanomaly

72.3915, 75.1568, 89.2885

Monochromacy



Original Color

71.0841, 75.0294, 82.6871

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2563, 75.1340, 81.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0841, 75.0294, 82.6871 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.0841, 75.0294, 82.6871 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, 226) }
```

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

```
.border{ border-color:rgb(223, 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(223, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 71.0841, 75.0294, 82.6871 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, 226) }
```

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

```
.background{ background-color: rgb(223,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor