

Converting Colors

XYZ(66.0202, 71.9334, 55.1752)

Have a look what the booklet for
XYZ(66.0202, 71.9334, 55.1752)
contains.

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Color

**XYZ(66.0326, 71.8302,
55.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DEB7
RGB	226, 222, 183
RGB Percent	89%, 87%, 72%
CMY	0.1137, 0.1294, 0.2823
CMYK	0.00, 0.02, 0.19, 0.11
HSL	54°, 43%, 80%
HSV	54°, 19%, 89%
XYZ	66.0326, 71.8302, 55.1841
YIQ	218.7500, 14.9030, -11.2810

Conversions

Conversions Part 2

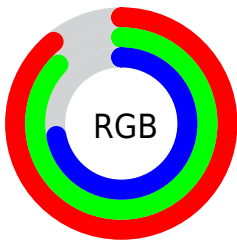
Format	Color
RYB	187, 226, 183
Decimal	14868151
CIELab	87.89, -4.95, 19.66
CIELCh	88, 20.271, 104.139
Yxy	71.8302, 0.3421, 0.3721
Android (android.graphics.Color)	4293058231 (0xFFE2DEB7)
YUV	218.7500, -17.6247, 6.3583
Hunter-Lab	84.7527, -9.2441, 20.7220

Details

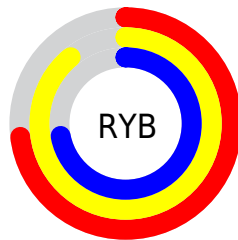
The XYZ color **66.0326, 71.8302, 55.1841** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0262, 51.0980, 79.1256**, and the grayscale version is **67.2713, 70.7747, 77.0736**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **34.4255, 37.7952, 26.5999** is the 20% darker color. If you saturate the color by 10%, you get **63.3131, 69.8580, 43.5893**, and if you desaturate by 10%, it is **69.1406, 73.9738, 68.7736**.

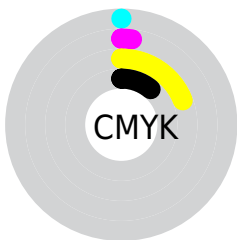
Distribution



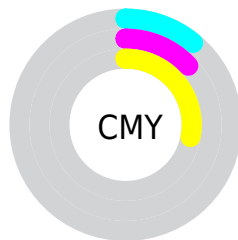
- Red (89%)
- Green (87%)
- Blue (72%)



- Red (73%)
- Yellow (89%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0326, 71.8302, 55.1841 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 66.0326, 71.8302, 55.1841 by changing the saturation by 10% instead.

■ 66.0326, 71.8302,
55.1841

■ 66.0326, 71.8302,
55.1841

435.9803,
466.9504, 423.9110

■ 48.5667, 53.0200,
39.1495

■ 112.5906,
121.8151, 99.2845

■ 34.4890, 37.8187,
26.5674

142.4134,
153.7585, 128.1874

■ 23.4342, 25.8420,
17.0190

177.0858,
190.8485, 162.2169

■ 15.0369, 16.7055,
10.0859

216.9732,
233.4695, 201.7914

■ 8.9318, 10.0247,
5.3496

262.4411,
282.0057, 247.3295

■ 4.7534, 5.4154,
2.3915

313.8546,

■ 2.1366, 2.4930,

336.8417, 299.2498

0.7818

371.5792,
398.3618, 357.9708

0.7090, 0.8731,
0.0000

0.0000, 0.0000,
0.0000

66.0326, 71.8302,
55.1841

66.0326, 71.8302,
55.1841

63.3131, 69.8580,
43.5893

69.1406, 73.9738,
68.7736

60.9585, 68.0403,
33.8898

72.6482, 76.2860,
84.4417

58.9510, 66.3726,
25.9847

76.5731, 78.7763,
102.2729

57.2695, 64.8462,
19.7618

77.8240, 80.2082,
105.9877

■ 55.8901, 63.4516,
15.0963

■ 78.4132, 81.3868,
106.1841

■ 54.7858, 62.1780,
11.8460

■ 79.0096, 82.5795,
106.3829

■ 53.9248, 61.0126,
9.8430

■ 79.6130, 83.7864,
106.5841

■ 53.2571, 59.9353,
8.8249

■ 80.2236, 85.0075,
106.7876

■ 53.1961, 59.8326,
8.7451

■ 80.8413, 86.2429,
106.9935

Harmonies

Analogous

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



70.8380, 71.8302, 55.3480



66.0326, 71.8302, 55.1841



62.0170, 71.8302, 60.6603

Triad

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



66.0326, 71.8302, 55.1841



61.8324, 71.8302, 98.1984



77.5852, 71.8302, 85.6950

Complementary

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



66.0326, 71.8302, 55.1841



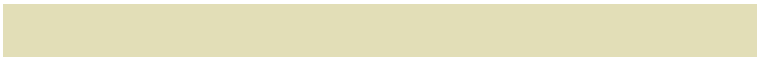
51.0262, 51.0980, 79.1256

Split Complementary

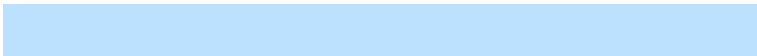
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9350, 71.8302, 98.8568



66.0326, 71.8302, 55.1841



65.7696, 71.8302, 106.6350

Square

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



66.0326, 71.8302, 55.1841



59.6705, 71.8302, 84.8781



70.5624, 71.8302, 106.8892



77.6638, 71.8302, 71.9023

Rectangle

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



66.0326, 71.8302, 55.1841



60.2645, 71.8302, 67.1907



70.5624, 71.8302, 106.8892



76.9601, 71.8302, 90.3746

Sweetspot

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



66.0345, 71.8334, 55.1856



92.2318, 98.1498, 96.2883



57.3002, 53.6374, 54.5163



19.6783, 20.9661, 20.3289



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.



66.0345, 71.8334, 55.1856



85.2898, 93.3537, 65.9575



61.9823, 71.3385, 55.3037



14.7572, 15.8004, 14.5788



30.3951, 34.2280, 5.0047



2.1390, 2.4369, 0.3576

Inverse Universe

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



51.0262, 51.0980, 79.1256



61.9796, 61.1497, 103.1441



54.5347, 51.6659, 79.0503



13.0540, 13.4470, 17.2952



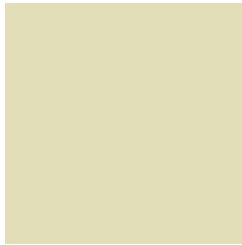
8.0220, 3.5136, 41.3037



0.5917, 0.3149, 2.8748

Previews

White Background



This preview shows how the XYZ color 66.0326, 71.8302, 55.1841 looks on a white background.

Color Contrast Check

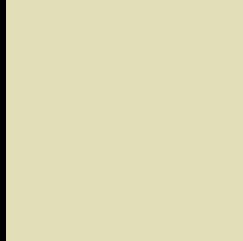
Large Text (above 18pt) WCAG AA × Fail

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 66.0326, 71.8302, 55.1841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

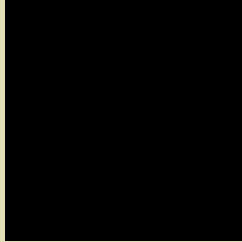
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

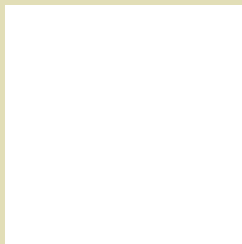
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0326, 71.8302, 55.1841

Background



This preview shows how black text looks on a background with the XYZ color 66.0326, 71.8302, 55.1841.



This preview shows how white text looks on a background with the XYZ color 66.0326, 71.8302,

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

66.0326, 71.8302, 55.1841

Protanopia

67.6410, 71.8874, 54.5666

Deuteranopia

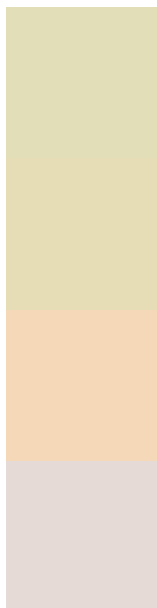
73.1735, 71.6606, 55.8742



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

66.0326, 71.8302, 55.1841

Protanomaly

66.9331, 71.9133, 54.6089

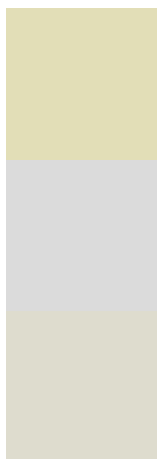
Deuteranomaly

70.5158, 71.8055, 55.4907

Tritanomaly

69.8421, 71.8208, 73.8001

Monochromacy



Original Color

66.0326, 71.8302, 55.1841

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8580, 71.1722, 68.6063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0326, 71.8302, 55.1841 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(226, 222, 183)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 183)  
}
```

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(226, 222, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 183) }
```

Border

The CSS property to change the border of an element to XYZ 66.0326, 71.8302, 55.1841 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(226, 222, 183) }
```


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

```
.border{ border-color:rgb(226, 222, 183) }
```

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

Here you see how a box with a 4 pixel rgb(226, 222, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 183);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0326, 71.8302, 55.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 183) }
```

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

```
.background{ background-color: rgb(226,  
222, 183) }
```

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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