

Converting Colors

XYZ(66.2210, 70.9724, 69.4428)

Have a look what the booklet for
XYZ(66.2210, 70.9724, 69.4428)
contains.

XYZ(66.0691, 70.7515, 69.2057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.0691, 70.7515,
69.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDCCF
RGB	219, 220, 207
RGB Percent	86%, 86%, 81%
CMY	0.1412, 0.1372, 0.1882
CMYK	0.00, 0.00, 0.06, 0.14
HSL	65°, 16%, 84%
HSV	65°, 6%, 86%
XYZ	66.0691, 70.7515, 69.2057
YIQ	218.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

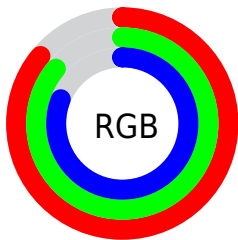
Format	Color
R_{YB}	207, 220, 208
Decimal	14408911
CIE Lab	87.36, -2.62, 6.26
CIE LCh	87, 6.781, 112.703
Yxy	70.7515, 0.3207, 0.3434
Android (android.graphics.Color)	4292598991 (0xFFDBDCCF)
YUV	218.2190, -5.5310, 0.6849
Hunter-Lab	84.1139, -6.9926, 10.0982

Details

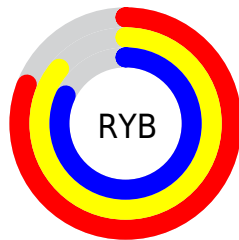
The XYZ color **66.0691, 70.7515, 69.2057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2463, 63.2048, 76.6857**, and the grayscale version is **66.8286, 70.3089, 76.5663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5147, 37.1027, 35.4794** is the 20% darker color. If you saturate the color by 10%, you get **63.0568, 69.4901, 55.9890**, and if you desaturate by 10%, it is **69.4654, 72.1717, 84.3997**.

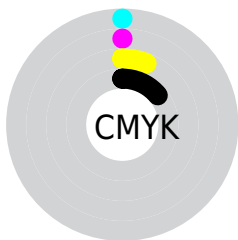
Distribution



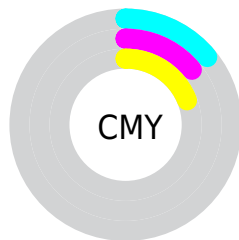
- Red (86%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0691, 70.7515, 69.2057 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 66.0691, 70.7515, 69.2057 by changing the saturation by 10% instead.

■ 66.0691, 70.7515,
69.2057

■ 66.0691, 70.7515,
69.2057

436.1087,
463.1843, 476.4697

■ 48.5964, 52.1394,
50.4065

112.6427,
120.2798, 119.7458

■ 34.5126, 37.1162,
35.3630

142.4743,
151.9649, 152.3237

■ 23.4525, 25.2975,
23.6569

177.1562,
188.7764, 190.3316

■ 15.0505, 16.2988,
14.8694

217.0539,
231.0987, 234.1881

■ 8.9414, 9.7359,
8.5822

262.5326,
279.3162, 284.3115

■ 4.7598, 5.2242,
4.3766

313.9578,

■ 2.1403, 2.3794,

333.8134, 341.1206

1.8341

371.6947,
394.9746, 405.0338

■ 0.7110, 0.8153,
0.4503

■ 0.0000, 0.0000,
0.0000

■ 66.0691, 70.7515,
69.2057

■ 66.0691, 70.7515,
69.2057

■ 63.0568, 69.4901,
55.9890

■ 69.4654, 72.1717,
84.3997

■ 60.4071, 68.3721,
44.6639

■ 73.2544, 73.7472,
101.6428

■ 58.1057, 67.3939,
35.1451

■ 74.4158, 74.2724,
105.0216

■ 56.1346, 66.5485,
27.3391

■ 74.9454, 74.5454,
105.0464

■ 54.4745, 65.8281,
21.1440

■ 75.4803, 74.8212,
105.0714

■ 53.1041, 65.2242,
16.4470

■ 76.0205, 75.0996,
105.0967

■ 51.9990, 64.7270,
13.1208

■ 76.5660, 75.3809,
105.1222

■ 51.1312, 64.3253,
11.0173

■ 77.1169, 75.6648,
105.1480

■ 50.4657, 64.0051,
9.9527

■ 77.6731, 75.9516,
105.1740

Harmonies

Analogous

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



67.6379, 70.7515, 68.6392



66.0691, 70.7515, 69.2057



64.8341, 70.7515, 71.8299

Triad

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



66.0691, 70.7515, 69.2057



65.4038, 70.7515, 84.2454



70.3389, 70.7515, 78.1587

Complementary

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



66.0691, 70.7515, 69.2057



61.2463, 63.2048, 76.6857

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.



69.7194, 70.7515, 82.4885



66.0691, 70.7515, 69.2057



66.8579, 70.7515, 86.0918

Square

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



66.0691, 70.7515, 69.2057



64.4543, 70.7515, 80.4803



68.4392, 70.7515, 85.4365



70.1196, 70.7515, 73.6921

Rectangle

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



66.0691, 70.7515, 69.2057



64.3580, 70.7515, 74.4513



68.4392, 70.7515, 85.4365



70.2215, 70.7515, 79.6806

Sweetspot

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



66.0711, 70.7546, 69.2072



94.0949, 99.6012, 104.6259



63.3034, 64.7693, 68.1978



20.1502, 21.3229, 22.4390



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.



66.0711, 70.7546, 69.2072



91.8026, 98.6426, 94.4371



64.1926, 69.7862, 69.1193



14.1845, 15.2631, 14.4791



29.5190, 37.5151, 5.6853



1.9425, 2.4459, 0.3697

Inverse Universe

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



61.2463, 63.2048, 76.6857



83.8153, 86.1441, 106.8177



63.0720, 64.1460, 76.7711



12.8665, 13.2007, 16.5220



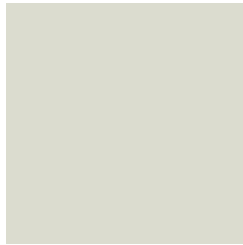
7.7534, 3.1212, 39.9322



0.5355, 0.2193, 2.5886

Previews

White Background



This preview shows how the XYZ color 66.0691, 70.7515, 69.2057 looks on a white background.

Color Contrast Check

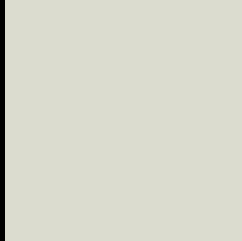
Large Text (above 18pt) WCAG AA × Fail

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 66.0691, 70.7515, 69.2057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

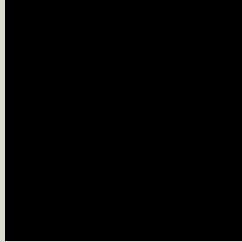
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

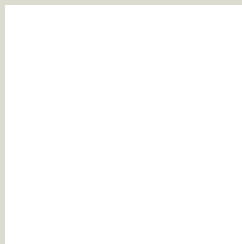
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0691, 70.7515, 69.2057

Background



This preview shows how black text looks on a background with the XYZ color 66.0691, 70.7515, 69.2057.



This preview shows how white text looks on a background with the XYZ color 66.0691, 70.7515,

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

66.0691, 70.7515, 69.2057

Protanopia

67.5760, 70.7678, 68.4904

Deuteranopia

72.1111, 70.4251, 70.1143



Tritanopia

69.6953, 70.6829, 87.0606

Trichromacy



Original Color

66.0691, 70.7515, 69.2057

Protanomaly

66.9035, 70.8072, 68.5335

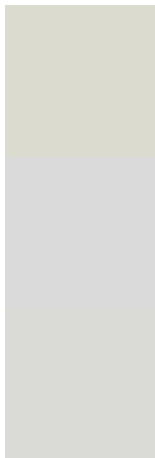
Deuteranomaly

69.6927, 70.3094, 69.5724

Tritanomaly

68.3916, 70.5371, 80.5314

Monochromacy



Original Color

66.0691, 70.7515, 69.2057

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.3826, 70.4235, 73.7127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0691, 70.7515, 69.2057 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(219, 220, 207) looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 207)  
}
```

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(219, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.0691, 70.7515, 69.2057 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(219, 220, 207) }
```


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

```
.border{ border-color:rgb(219, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0691, 70.7515, 69.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 207) }
```

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

```
.background{ background-color: rgb(219,  
220, 207) }
```

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