

Converting Colors

XYZ(66.6870, 69.8118, 75.6789)

Have a look what the booklet for
XYZ(66.6870, 69.8118, 75.6789)
contains.

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Color

**XYZ(66.5507, 69.6955,
75.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9D9
RGB	219, 217, 217
RGB Percent	86%, 85%, 85%
CMY	0.1412, 0.1490, 0.1490
CMYK	0.00, 0.01, 0.01, 0.14
HSL	0°, 3%, 85%
HSV	0°, 1%, 86%
XYZ	66.5507, 69.6955, 75.5906
YIQ	217.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

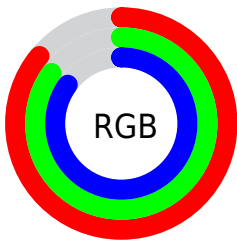
Format	Color
R _Y B	219, 217, 217
Decimal	14408153
CIE Lab	86.85, 0.68, 0.23
CIE LCh	87, 0.722, 18.640
Yxy	69.6955, 0.3142, 0.3290
Android (android.graphics.Color)	4292598233 (0xFFDBD9D9)
YUV	217.5980, -0.2948, 1.2296
Hunter-Lab	83.4838, -3.8021, 4.7544

Details

The XYZ color **66.5507, 69.6955, 75.5906** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7331, 70.5285, 77.1151**, and the grayscale version is **66.3669, 69.8231, 76.0374**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7518, 36.3418, 39.3655** is the 20% darker color. If you saturate the color by 10%, you get **58.6232, 58.1000, 59.8145**, and if you desaturate by 10%, it is **75.6066, 82.9410, 93.6095**.

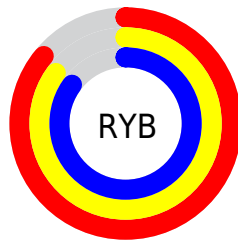
Distribution



Red (86%)

Green (85%)

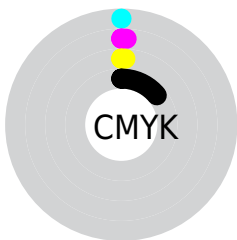
Blue (85%)



Red (86%)

Yellow (85%)

Blue (85%)

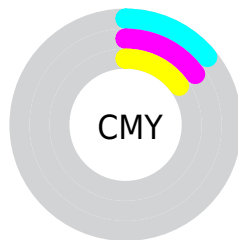


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5507, 69.6955, 75.5906 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 66.5507, 69.6955, 75.5906 by changing the saturation by 10% instead.

■ 66.5507, 69.6955,
75.5906

■ 66.5507, 69.6955,
75.5906

437.8015,
459.4801, 499.2546

■ 48.9889, 51.2783,
55.5922

113.3297,
118.7744, 128.9028

■ 34.8252, 36.4302,
39.4743

143.2777,
150.2050, 163.0537

■ 23.6941, 24.7666,
26.8182

178.0851,
186.7421, 202.7592

■ 15.2304, 15.9033,
17.2055

218.1174,
228.7702, 248.4379

■ 9.0686, 9.4557,
10.2176

263.7398,
276.6736, 300.5082

■ 4.8434, 5.0396,
5.4360

315.3177,

■ 2.1895, 2.2705,

330.8368, 359.3887

2.4421

373.2164,
391.6442, 425.4980

■ 0.7372, 0.7580,
0.8092

■ 0.0000, 0.0000,
0.0000

■ 66.5507, 69.6955,
75.5906

■ 66.5507, 69.6955,
75.5906

■ 58.6232, 58.1000,
59.8145

■ 75.6066, 82.9410,
93.6095

■ 51.7743, 48.0813,
46.1891

■ 83.0239, 93.8003,
108.3372

■ 45.9591, 39.5741,
34.6227

■ 41.1276, 32.5051,
25.0153

■ 37.2253, 26.7947,
17.2583

■ 34.1927, 22.3560,
11.2329

■ 31.9631, 19.0917,
6.8063

■ 30.4605, 16.8905,
3.8265

■ 29.5940, 15.6200,
2.1123

Harmonies

Analogous

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



66.5614, 69.6955, 76.0693



66.5507, 69.6955, 75.5906



66.4576, 69.6955, 75.1928

Triad

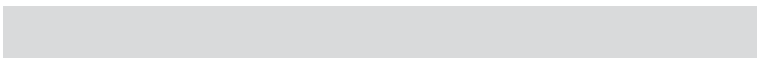
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5507, 69.6955, 75.5906



66.0008, 69.6955, 75.2756



66.1797, 69.6955, 76.7992

Complementary

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



66.5507, 69.6955, 75.5906



66.7331, 70.5285, 77.1151

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.



66.0298, 69.6955, 76.5846



66.5507, 69.6955, 75.5906



65.9266, 69.6955, 75.7041

Square

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



66.5507, 69.6955, 75.5906



66.1401, 69.6955, 75.0114



65.9372, 69.6955, 76.1833



66.3470, 69.6955, 76.7684

Rectangle

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



66.5507, 69.6955, 75.5906



66.3615, 69.6955, 75.0264



65.9372, 69.6955, 76.1833



66.1256, 69.6955, 76.7533

Sweetspot

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



66.5527, 69.6985, 75.5921

95.0500, 100.0000, 108.9000



66.8136, 69.8014, 76.9706



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.



66.5527, 69.6985, 75.5921



93.8354, 98.2235, 106.4832



66.8103, 70.2138, 75.6780



14.5446, 15.2298, 16.5154



17.3256, 8.9367, 0.8118



1.1231, 0.5803, 0.0528

Inverse Universe

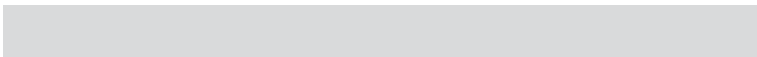
The Inverse Universe completely reimagines the original color for something new.



66.7331, 70.5285, 77.1151



94.1166, 99.5166, 108.8559



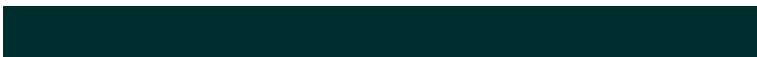
66.4739, 70.0101, 77.0287



14.5854, 15.4172, 16.8592



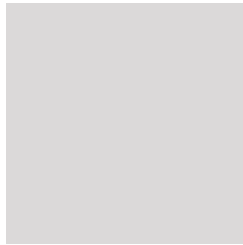
22.5419, 32.9533, 44.9109



1.4610, 2.1362, 2.9098

Previews

White Background



This preview shows how the XYZ color 66.5507, 69.6955, 75.5906 looks on a white background.

Color Contrast Check

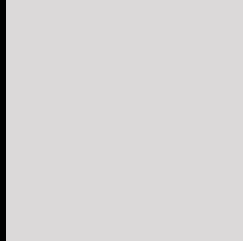
Large Text (above 18pt) WCAG AA × Fail

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 66.5507, 69.6955, 75.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

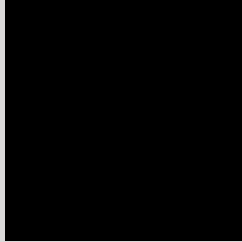
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

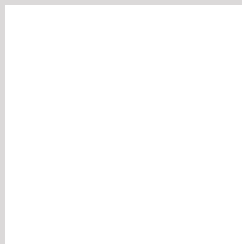
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5507, 69.6955, 75.5906

Background



This preview shows how black text looks on a background with the XYZ color 66.5507, 69.6955, 75.5906.

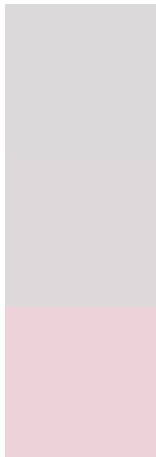


This preview shows how white text looks on a background with the XYZ color 66.5507, 69.6955, 75.5906.

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

66.5507, 69.6955, 75.5906

Protanopia

66.8990, 69.4936, 75.5333

Deuteranopia

70.9614, 69.3323, 75.9721



Tritanopia

68.6847, 69.7992, 86.1965

Trichromacy



Original Color

66.5507, 69.6955, 75.5906

Protanomaly

66.5955, 69.3371, 75.5191

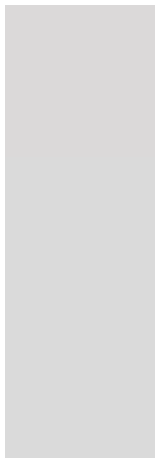
Deuteranomaly

69.4041, 69.6394, 76.1134

Tritanomaly

67.9362, 69.8734, 82.5793

Monochromacy



Original Color

66.5507, 69.6955, 75.5906

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6397, 70.1102, 76.3500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5507, 69.6955, 75.5906 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, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 217)  
}
```

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, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.5507, 69.6955, 75.5906 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, 217, 217) }
```

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

```
.border{ border-color:rgb(219, 217, 217) }
```

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

Here you see how a box with a 4 pixel rgb(219, 217, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
217) }
```


Background

The CSS property to change the background color of an element to XYZ 66.5507, 69.6955, 75.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 217) }
```

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

```
.background{ background-color: rgb(219,  
217, 217) }
```

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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