

Converting Colors

XYZ(65.9079, 69.6608, 73.6485)

Have a look what the booklet for
XYZ(65.9079, 69.6608, 73.6485)
contains.

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Color

**XYZ(66.1224, 69.9033,
73.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	DADAD6
RGB	218, 218, 214
RGB Percent	85%, 85%, 84%
CMY	0.1451, 0.1451, 0.1608
CMYK	0.00, 0.00, 0.02, 0.15
HSL	60°, 5%, 85%
HSV	60°, 2%, 85%
XYZ	66.1224, 69.9033, 73.6260
YIQ	217.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

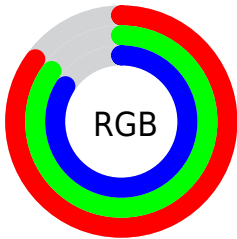
Format	Color
R _Y B	214, 218, 214
Decimal	14342870
CIE Lab	86.95, -0.71, 1.95
CIE LCh	87, 2.080, 109.974
Yxy	69.9033, 0.3154, 0.3334
Android (android.graphics.Color)	4292532950 (0xFFDADAD6)
YUV	217.5440, -1.7472, 0.3999
Hunter-Lab	83.6082, -5.1458, 6.3145

Details

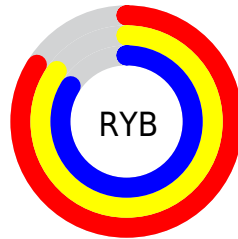
The XYZ color **66.1224, 69.9033, 73.6260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4358, 67.4532, 75.9570**, and the grayscale version is **66.3394, 69.7942, 76.0059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4595, 36.4841, 38.0268** is the 20% darker color. If you saturate the color by 10%, you get **63.5163, 68.8623, 59.9301**, and if you desaturate by 10%, it is **69.1052, 71.0994, 89.2876**.

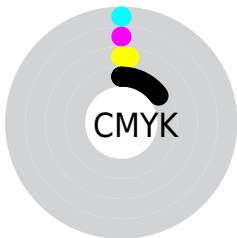
Distribution



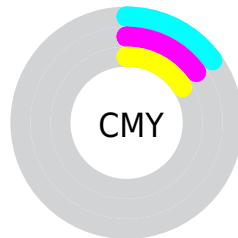
- Red (85%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1224, 69.9033, 73.6260 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 66.1224, 69.9033, 73.6260 by changing the saturation by 10% instead.

■ 66.1224, 69.9033,
73.6260

■ 66.1224, 69.9033,
73.6260

436.2962,
460.2104, 492.3104

■ 48.6398, 51.4477,
53.9931

112.7187,
119.0708, 126.0946

■ 34.5472, 36.5650,
38.2030

142.5632,
150.5516, 159.7674

■ 23.4792, 24.8709,
25.8372

177.2591,
187.1428, 198.9572

■ 15.0704, 15.9809,
16.4772

217.1717,
229.2290, 244.0826

■ 8.9554, 9.5106,
9.7045

262.6663,
277.1944, 295.5620

■ 4.7690, 5.0757,
5.1004

314.1084,

■ 2.1457, 2.2918,

331.4235, 353.8141

2.2465

371.8633,
392.3007, 419.2574

■ 0.7139, 0.7693,
0.7010

■ 0.0000, 0.0000,
0.0000

■ 66.1224, 69.9033,
73.6260

■ 66.1224, 69.9033,
73.6260

■ 63.5163, 68.8623,
59.9301

■ 69.1052, 71.0994,
89.2876

■ 61.2662, 67.9614,
48.1179


■ 72.0506, 72.2784,
104.7614


■ 59.3585, 67.1975,
38.1085


■ 72.0576, 72.2820,
104.7617


■ 57.7762, 66.5638,
29.8132


■ 72.0646, 72.2857,
104.7621


 56.5013, 66.0530,
23.1359


 72.0716, 72.2893,
104.7624


 55.5135, 65.6571,
17.9710


 72.0787, 72.2929,
104.7627

 54.7906, 65.3671,
14.2006

 72.0857, 72.2965,
104.7630

 54.3067, 65.1728,
11.6891

 72.0927, 72.3001,
104.7634

 54.0310, 65.0617,
10.2740

 72.0997, 72.3037,
104.7637

Harmonies

Analogous

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



66.6038, 69.9033, 73.5086



66.1224, 69.9033, 73.6260



65.7282, 69.9033, 74.4052

Triad

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



66.1224, 69.9033, 73.6260



65.8420, 69.9033, 78.1799



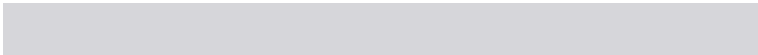
67.3651, 69.9033, 76.5795

Complementary

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



66.1224, 69.9033, 73.6260



64.4358, 67.4532, 75.9570

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.



67.1589, 69.9033, 77.8464



66.1224, 69.9033, 73.6260



66.2785, 69.9033, 78.7778

Square

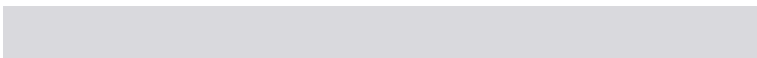
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



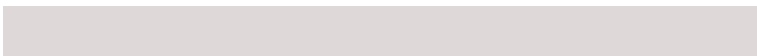
66.1224, 69.9033, 73.6260



65.5669, 69.9033, 77.0304



66.7606, 69.9033, 78.6550



67.3228, 69.9033, 75.2026

Rectangle

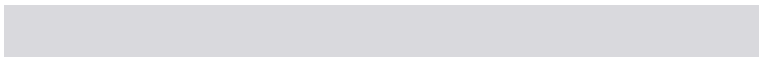
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1224, 69.9033, 73.6260



65.5672, 69.9033, 75.2003



66.7606, 69.9033, 78.6550



67.3225, 69.9033, 77.0326

Sweetspot

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



66.1244, 69.9063, 73.6275



94.6411, 99.8363, 106.7520



65.0998, 67.8553, 73.2856



20.2614, 21.3708, 22.8720



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.



66.1244, 69.9063, 73.6275



94.2376, 99.6748, 104.6326



65.5305, 69.6002, 73.5997



14.6028, 15.4401, 16.2469



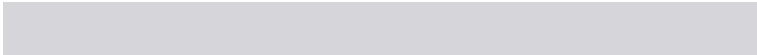
32.3012, 38.9494, 5.8155



2.0931, 2.5236, 0.3768

Inverse Universe

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



64.4358, 67.4532, 75.9570



91.5950, 95.8356, 108.2783



65.0225, 67.7556, 75.9845



14.2197, 14.8835, 16.7755



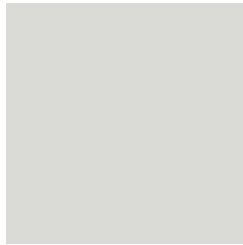
7.5839, 3.0338, 39.9243



0.4918, 0.1968, 2.5865

Previews

White Background



This preview shows how the XYZ color 66.1224, 69.9033, 73.6260 looks on a white background.

Color Contrast Check

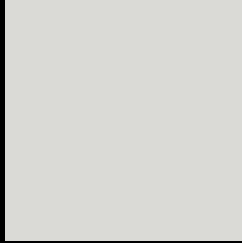
Large Text (above 18pt) WCAG AA × Fail

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 66.1224, 69.9033, 73.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

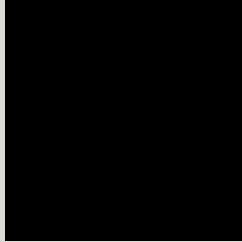
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

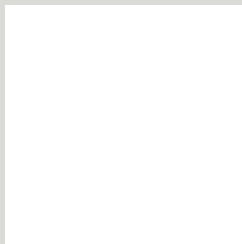
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1224, 69.9033, 73.6260

Background



This preview shows how black text looks on a background with the XYZ color 66.1224, 69.9033, 73.6260.

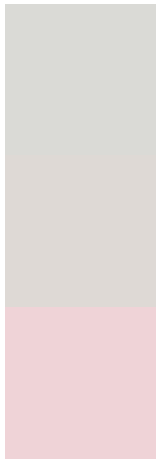


This preview shows how white text looks on a background with the XYZ color 66.1224, 69.9033, 73.6260.

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

66.1224, 69.9033, 73.6260

Protanopia

66.9473, 69.9594, 72.9258

Deuteranopia

71.1566, 69.8456, 74.0212



Tritanopia

68.6847, 69.7992, 86.1965

Trichromacy



Original Color

66.1224, 69.9033, 73.6260

Protanomaly

66.6419, 69.8020, 72.9115

Deuteranomaly

69.2673, 69.9884, 74.1483

Tritanomaly

67.6617, 69.7636, 81.1337

Monochromacy



Original Color

66.1224, 69.9033, 73.6260

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.5092, 70.0580, 75.6628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1224, 69.9033, 73.6260 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(218, 218, 214) looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 214)  
}
```

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(218, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 214) }
```

Border

The CSS property to change the border of an element to XYZ 66.1224, 69.9033, 73.6260 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(218, 218, 214) }
```


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

```
.border{ border-color:rgb(218, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1224, 69.9033, 73.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 214) }
```

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

```
.background{ background-color: rgb(218,  
218, 214) }
```

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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