

Converting Colors

XYZ(64.2636, 69.3085, 74.7336)

Have a look what the booklet for
XYZ(64.2636, 69.3085, 74.7336)
contains.

XYZ(64.3045, 69.3225, 74.9571)	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(64.3045, 69.3225,
74.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DBD8
RGB	210, 219, 216
RGB Percent	82%, 86%, 85%
CMY	0.1765, 0.1412, 0.1529
CMYK	0.04, 0.00, 0.01, 0.14
HSL	160°, 11%, 84%
HSV	160°, 4%, 86%
XYZ	64.3045, 69.3225, 74.9571
YIQ	215.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

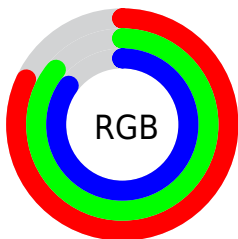
Format	Color
R _Y B	210, 215, 219
Decimal	13818840
CIE Lab	86.66, -3.58, 0.41
CIE LCh	87, 3.599, 173.459
Yxy	69.3225, 0.3083, 0.3323
Android (android.graphics.Color)	4292008920 (0xFFD2DBD8)
YUV	215.9670, 0.0163, -5.2331
Hunter-Lab	83.2601, -7.8439, 4.9047

Details

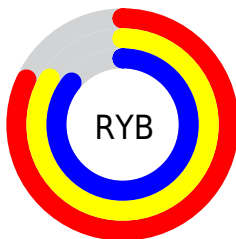
The XYZ color **64.3045, 69.3225, 74.9571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2728, 65.9591, 72.2980**, and the grayscale version is **65.2514, 68.6496, 74.7594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4188, 36.1920, 38.9426** is the 20% darker color. If you saturate the color by 10%, you get **57.5677, 65.9582, 69.8213**, and if you desaturate by 10%, it is **71.9405, 73.1494, 80.3570**.

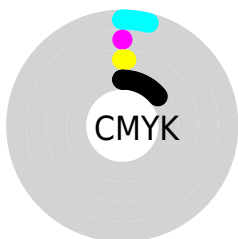
Distribution



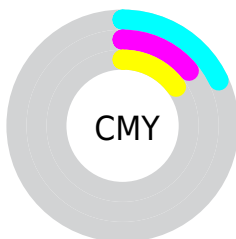
- Red (82%)
- Green (86%)
- Blue (85%)



- Red (82%)
- Yellow (84%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3045, 69.3225, 74.9571 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 64.3045, 69.3225, 74.9571 by changing the saturation by 10% instead.

■ 64.3045, 69.3225,
74.9571

■ 64.3045, 69.3225,
74.9571

429.8732,
458.1676, 497.0216

■ 47.1599, 50.9744,
55.0762

110.1206,
118.2421, 127.9982

■ 33.3706, 36.1882,
39.0637

139.5229,
149.5824, 161.9955

■ 22.5711, 24.5796,
26.5011

173.7418,
186.0221, 201.5353

■ 14.3961, 15.7641,
16.9698

213.1427,
227.9458, 247.0362

■ 8.4802, 9.3574,
10.0512

258.0910,
275.7378, 298.9168

■ 4.4581, 4.9750,
5.3269

308.9519,

■ 1.9644, 2.2326,

329.7825, 357.5955

2.3782

366.0909,
390.4643, 423.4909

■ 0.6139, 0.7377,
0.7746

■ 0.0000, 0.0000,
0.0000

■ 64.3045, 69.3225,
74.9571

■ 64.3045, 69.3225,
74.9571

■ 57.5677, 65.9582,
69.8213

■ 71.9405, 73.1494,
80.3570

■ 51.6893, 63.0298,
64.9408


■ 80.5028, 77.4469,
86.0209


■ 46.6340, 60.5208,
60.3123


■ 81.9935, 78.0939,
91.5786


■ 42.3615, 58.4108,
55.9311

■ 83.0886, 78.5320,
97.3451


 38.8283, 56.6773,
51.7922


 84.2277, 78.9876,
103.3437

 35.9864, 55.2957,
47.8902

 84.6228, 79.1457,
105.4243

 33.7819, 54.2382,
44.2195

 32.1524, 53.4728,
40.7740

 31.0224, 52.9605,
37.5469

Harmonies

Analogous

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



64.6056, 69.3225, 72.7719



64.3045, 69.3225, 74.9571



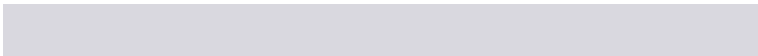
64.4250, 69.3225, 77.3284

Triad

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



64.3045, 69.3225, 74.9571



66.5311, 69.3225, 79.7837



66.8509, 69.3225, 71.8410

Complementary

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



64.3045, 69.3225, 74.9571



64.2728, 65.9591, 72.2980

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.



67.3749, 69.3225, 73.6622



64.3045, 69.3225, 74.9571



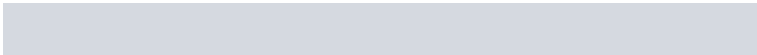
67.1892, 69.3225, 78.2553

Square

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



64.3045, 69.3225, 74.9571



65.7060, 69.3225, 80.1481



67.4992, 69.3225, 76.0062



66.0723, 69.3225, 70.9976

Rectangle

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



64.3045, 69.3225, 74.9571



64.7288, 69.3225, 78.6921



67.4992, 69.3225, 76.0062



67.0629, 69.3225, 72.3573

Sweetspot

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



64.3065, 69.3255, 74.9586



93.9814, 99.4649, 108.1367



64.4508, 69.4879, 70.9893



20.1271, 21.2952, 23.1538



0.0000, 0.0000, 0.0000



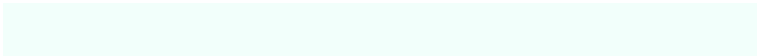
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3065, 69.3255, 74.9586



89.8365, 97.3906, 105.1210



64.3475, 68.7804, 76.9058



13.8178, 15.0354, 16.2097



18.1470, 31.2914, 21.4711



1.2150, 2.0430, 1.5983

Inverse Universe

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



64.2728, 65.9591, 72.2980



89.7785, 91.5980, 100.5427



64.2298, 66.4777, 70.4200



13.8077, 14.0326, 15.4171



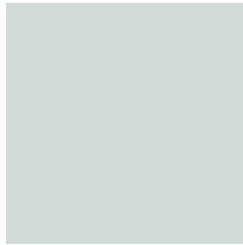
18.0819, 9.2338, 4.8116



1.2107, 0.6139, 0.5184

Previews

White Background



This preview shows how the XYZ color 64.3045, 69.3225, 74.9571 looks on a white background.

Color Contrast Check

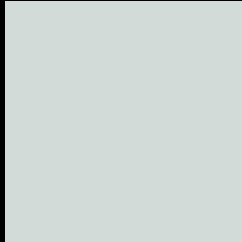
Large Text (above 18pt) WCAG AA × Fail

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 64.3045, 69.3225, 74.9571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

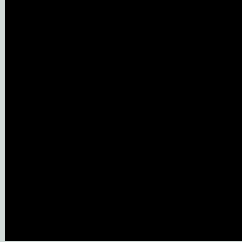
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

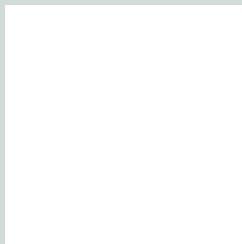
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3045, 69.3225, 74.9571

Background



This preview shows how black text looks on a background with the XYZ color 64.3045, 69.3225, 74.9571.



This preview shows how white text looks on a background with the XYZ color 64.3045, 69.3225,

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

64.3045, 69.3225, 74.9571

Protanopia

66.5123, 69.3389, 73.4965

Deuteranopia

70.6265, 69.1597, 75.9564



Tritanopia

66.7044, 69.1411, 86.9207

Trichromacy



Original Color

64.3045, 69.3225, 74.9571

Protanomaly

65.6939, 69.2837, 74.2006

Deuteranomaly

67.9972, 68.9291, 75.3665

Tritanomaly

65.8294, 69.1688, 82.5544

Monochromacy



Original Color

64.3045, 69.3225, 74.9571

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9391, 68.8797, 74.8382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3045, 69.3225, 74.9571 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(210, 219, 216) looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 216)  
}
```

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(210, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.3045, 69.3225, 74.9571 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(210, 219, 216) }
```


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

```
.border{ border-color:rgb(210, 219, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 219, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3045, 69.3225, 74.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 216) }
```

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

```
.background{ background-color: rgb(210,  
219, 216) }
```

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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