

Converting Colors

XYZ(65.3656, 69.0873, 75.5408)

Have a look what the booklet for
XYZ(65.3656, 69.0873, 75.5408)
contains.

XYZ(65.3616, 69.0825, 75.5350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(65.3616, 69.0825,
75.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9D9
RGB	215, 217, 217
RGB Percent	84%, 85%, 85%
CMY	0.1569, 0.1490, 0.1490
CMYK	0.01, 0.00, 0.00, 0.15
HSL	180°, 3%, 85%
HSV	180°, 1%, 85%
XYZ	65.3616, 69.0825, 75.5350
YIQ	216.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

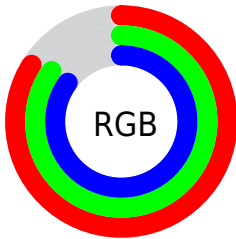
Format	Color
R _Y B	215, 216, 217
Decimal	14146009
CIE Lab	86.54, -0.67, -0.25
CIE LCh	87, 0.716, 200.180
Yxy	69.0825, 0.3113, 0.3290
Android (android.graphics.Color)	4292336089 (0xFFD7D9D9)
YUV	216.4020, 0.2948, -1.2296
Hunter-Lab	83.1159, -5.0820, 4.2989

Details

The XYZ color **65.3616, 69.0825, 75.5350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1840, 68.2608, 74.0335**, and the grayscale version is **65.5447, 68.9581, 75.0953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9391, 35.9229, 39.3274** is the 20% darker color. If you saturate the color by 10%, you get **59.4030, 66.0133, 75.2321**, and if you desaturate by 10%, it is **72.1693, 72.5934, 75.8805**.

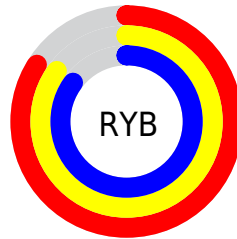
Distribution



Red (84%)

Green (85%)

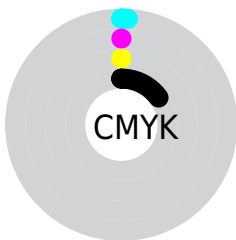
Blue (85%)



Red (84%)

Yellow (85%)

Blue (85%)

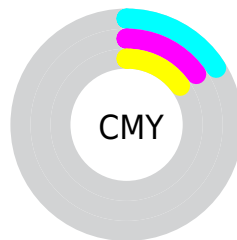


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3616, 69.0825, 75.5350 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 65.3616, 69.0825, 75.5350 by changing the saturation by 10% instead.

■ 65.3616, 69.0825,
75.5350

■ 65.3616, 69.0825,
75.5350

433.6150,
457.3219, 499.0588

■ 48.0201, 50.7789,
55.5469

111.6324,
117.8994, 128.8234

■ 34.0542, 36.0327,
39.4382

141.2924,
149.1815, 162.9609

■ 23.0983, 24.4594,
26.7904

175.7894,
185.5585, 202.6519

■ 14.7872, 15.6748,
17.1848

215.4885,
227.4149, 248.3150

■ 8.7555, 9.2943,
10.2030

260.7553,
275.1351, 300.3686

■ 4.6379, 4.9336,
5.4264

311.9551,

■ 2.0690, 2.2084,

329.1034, 359.2315

2.4365

369.4532,
389.7042, 425.3220

■ 0.6723, 0.7246,
0.8062

■ 0.0000, 0.0000,
0.0000

■ 65.3616, 69.0825,
75.5350

■ 65.3616, 69.0825,
75.5350

■ 59.4030, 66.0133,
75.2321

■ 72.1693, 72.5934,
75.8805

■ 54.2547, 63.3598,
74.9657

■ 78.5885, 75.9020,
76.2064

■ 49.8834, 61.1068,
74.7357

■ 78.5934, 75.9040,
76.2321

■ 46.2514, 59.2350,
74.5403

■ 78.5983, 75.9059,
76.2578

■ 43.3177, 57.7232,
74.3775

■ 78.6032, 75.9079,
76.2835

■ 41.0375, 56.5483,
74.2454

■ 78.6080, 75.9099,
76.3092

■ 39.3608, 55.6845,
74.1415

■ 78.6129, 75.9118,
76.3350

■ 38.2301, 55.1022,
74.0631

■ 78.6178, 75.9138,
76.3607

■ 37.5772, 54.7662,
74.0072

■ 78.6227, 75.9157,
76.3865

Harmonies

Analogous

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



65.3467, 69.0825, 75.0632



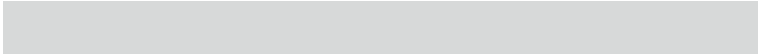
65.3616, 69.0825, 75.5350



65.4566, 69.0825, 75.9236

Triad

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



65.3616, 69.0825, 75.5350



65.9064, 69.0825, 75.8062



65.7153, 69.0825, 74.3216

Complementary

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



65.3616, 69.0825, 75.5350



65.1840, 68.2608, 74.0335

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.



65.8655, 69.0825, 74.5189



65.3616, 69.0825, 75.5350



65.9760, 69.0825, 75.3752

Square

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



65.3616, 69.0825, 75.5350



65.7711, 69.0825, 76.0807



65.9610, 69.0825, 74.9041



65.5508, 69.0825, 74.3640

Rectangle

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



65.3616, 69.0825, 75.5350



65.5526, 69.0825, 76.0827



65.9610, 69.0825, 74.9041



65.7692, 69.0825, 74.3621

Sweetspot

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



65.3636, 69.0855, 75.5365

95.0500, 100.0000, 108.9000



65.1147, 68.9871, 74.1750



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.



65.3636, 69.0855, 75.5365



94.1173, 99.5193, 108.8526



65.1151, 68.5879, 75.4559



14.5855, 15.4176, 16.8588



22.5729, 33.0618, 44.7779



1.4627, 2.1420, 2.9026

Inverse Universe

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



65.1840, 68.2608, 74.0335



93.8347, 98.2209, 106.4864



65.4309, 68.7552, 74.1136



14.5445, 15.2294, 16.5158



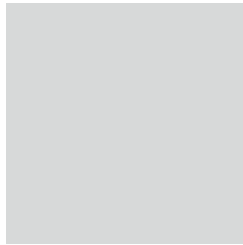
17.3238, 8.9306, 0.8193



1.1226, 0.5787, 0.0548

Previews

White Background



This preview shows how the XYZ color 65.3616, 69.0825, 75.5350 looks on a white background.

Color Contrast Check

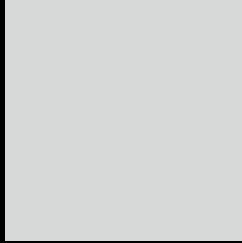
Large Text (above 18pt) WCAG AA × Fail

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 65.3616, 69.0825, 75.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

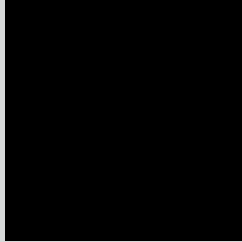
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

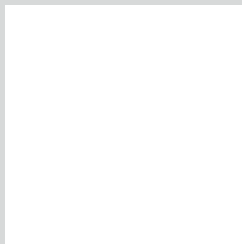
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3616, 69.0825, 75.5350

Background



This preview shows how black text looks on a background with the XYZ color 65.3616, 69.0825, 75.5350.

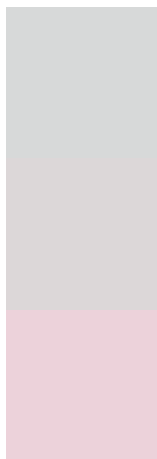


This preview shows how white text looks on a background with the XYZ color 65.3616, 69.0825,

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

65.3616, 69.0825, 75.5350

Protanopia

66.2103, 68.7744, 74.7509

Deuteranopia

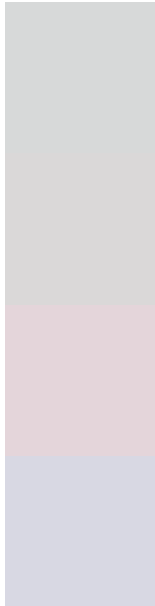
70.2936, 68.9880, 75.9408



Tritanopia

67.4812, 69.1788, 86.1401

Trichromacy



Original Color

65.3616, 69.0825, 75.5350

Protanomaly

65.8640, 68.9750, 74.8079

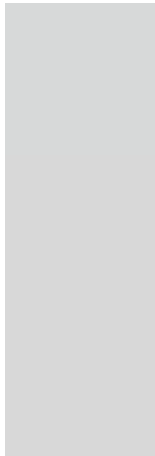
Deuteranomaly

68.4440, 69.1444, 76.0685

Tritanomaly

66.7399, 69.2567, 82.5234

Monochromacy



Original Color

65.3616, 69.0825, 75.5350

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2694, 68.6685, 74.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3616, 69.0825, 75.5350 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(215, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 65.3616, 69.0825, 75.5350 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(215, 217, 217) }
```

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

```
.border{ border-color:rgb(215, 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(215, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
217) }
```


Background

The CSS property to change the background color of an element to XYZ 65.3616, 69.0825, 75.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 217) }
```

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

```
.background{ background-color: rgb(215,  
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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