

Converting Colors

XYZ(66.4314, 69.9423, 76.3311)

Have a look what the booklet for
XYZ(66.4314, 69.9423, 76.3311)
contains.

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Color

**XYZ(66.3416, 69.9565,
76.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DADA
RGB	217, 218, 218
RGB Percent	85%, 85%, 85%
CMY	0.1490, 0.1451, 0.1451
CMYK	0.00, 0.00, 0.00, 0.15
HSL	180°, 1%, 85%
HSV	180°, 0%, 85%
XYZ	66.3416, 69.9565, 76.3360
YIQ	217.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

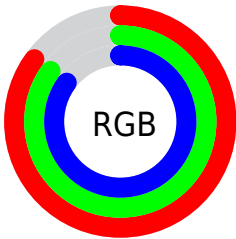
Format	Color
R _Y B	217, 218, 218
Decimal	14277338
CIE Lab	86.98, -0.33, -0.13
CIE LCh	87, 0.358, 201.019
Yxy	69.9565, 0.3120, 0.3290
Android (android.graphics.Color)	4292467418 (0xFFD9DADA)
YUV	217.7010, 0.1474, -0.6148
Hunter-Lab	83.6400, -4.7873, 4.4356

Details

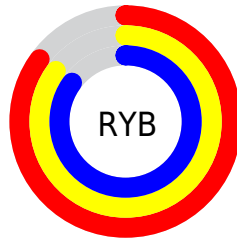
The XYZ color **66.3416, 69.9565, 76.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2533, 69.5428, 75.5805**, and the grayscale version is **66.4357, 69.8955, 76.1162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6083, 36.5201, 39.8754** is the 20% darker color. If you saturate the color by 10%, you get **60.2749, 66.8322, 75.9979**, and if you desaturate by 10%, it is **73.2683, 73.5281, 76.7172**.

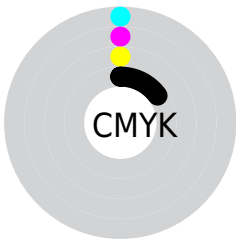
Distribution



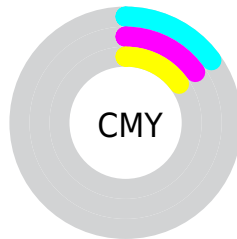
- Red (85%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3416, 69.9565, 76.3360 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 66.3416, 69.9565, 76.3360 by changing the saturation by 10% instead.

■ 66.3416, 69.9565,
76.3360

■ 66.3416, 69.9565,
76.3360

437.0670,
460.3973, 501.8745

■ 48.8185, 51.4911,
56.1998

113.0315,
119.1467, 129.9662

■ 34.6895, 36.5996,
39.9580

142.9290,
150.6403, 164.2972

■ 23.5891, 24.8976,
27.1923

177.6820,
187.2454, 204.1969

■ 15.1522, 16.0008,
17.4840

217.6558,
229.3464, 250.0838

■ 9.0133, 9.5247,
10.4146

263.2159,
277.3277, 302.3765

■ 4.8070, 5.0850,
5.5655

314.7276,

■ 2.1681, 2.2972,

331.5736, 361.4935

2.5182

372.5561,
392.4687, 427.8533

■ 0.7258, 0.7722,
0.8498

■ 0.0000, 0.0000,
0.0000

■ 66.3416, 69.9565,
76.3360

■ 66.3416, 69.9565,
76.3360

■ 60.2749, 66.8322,
75.9979

■ 73.2683, 73.5281,
76.7172

■ 55.0288, 64.1290,
75.6968

■ 78.9892, 76.4761,
77.0406

■ 50.5701, 61.8316,
75.4326

■ 78.9998, 76.4803,
77.0968

■ 46.8605, 59.9205,
75.2035

■ 79.0105, 76.4846,
77.1530

■ 43.8589, 58.3743,
75.0076

■ 79.0212, 76.4889,
77.2092

■ 41.5201, 57.1699,
74.8427

■ 79.0319, 76.4932,
77.2654

■ 39.7937, 56.2811,
74.7064

■ 79.0425, 76.4974,
77.3217

■ 38.6222, 55.6785,
74.5962

■ 79.0532, 76.5017,
77.3780

■ 37.9371, 55.3265,
74.5088

■ 79.0639, 76.5060,
77.4344

Harmonies

Analogous

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



66.3329, 69.9565, 76.0989



66.3416, 69.9565, 76.3360



66.3905, 69.9565, 76.5292

Triad

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



66.3416, 69.9565, 76.3360



66.6166, 69.9565, 76.4607



66.5167, 69.9565, 75.7169

Complementary

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



66.3416, 69.9565, 76.3360



66.2533, 69.5428, 75.5805

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.



66.5927, 69.9565, 75.8134



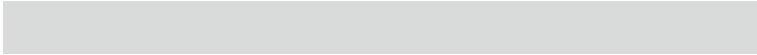
66.3416, 69.9565, 76.3360



66.6505, 69.9565, 76.2426

Square

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



66.3416, 69.9565, 76.3360



66.5492, 69.9565, 76.6013



66.6417, 69.9565, 76.0057



66.4339, 69.9565, 75.7418

Rectangle

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



66.3416, 69.9565, 76.3360



66.4393, 69.9565, 76.6070



66.6417, 69.9565, 76.0057



66.5439, 69.9565, 75.7362

Sweetspot

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



66.3436, 69.9595, 76.3375

95.0500, 100.0000, 108.9000



66.2181, 69.9099, 75.6506



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.



66.3436, 69.9595, 76.3375



94.1165, 99.5190, 108.8483



66.2185, 69.7085, 76.2982



14.5853, 15.4175, 16.8581



22.5393, 33.0483, 44.6008



1.4609, 2.1413, 2.8931

Inverse Universe

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



66.2533, 69.5428, 75.5805



93.8355, 98.2212, 106.4907



66.3781, 69.7930, 75.6196



14.5446, 15.2295, 16.5164



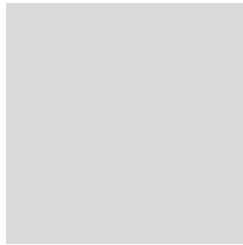
17.3257, 8.9313, 0.8293



1.1232, 0.5789, 0.0575

Previews

White Background



This preview shows how the XYZ color 66.3416, 69.9565, 76.3360 looks on a white background.

Color Contrast Check

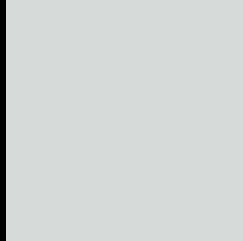
Large Text (above 18pt) WCAG AA × Fail

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 66.3416, 69.9565, 76.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

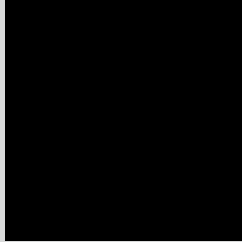
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

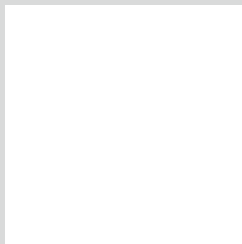
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3416, 69.9565, 76.3360

Background



This preview shows how black text looks on a background with the XYZ color 66.3416, 69.9565, 76.3360.

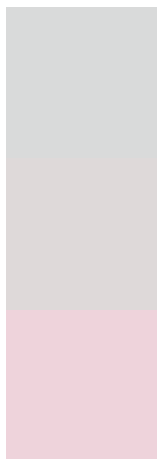


This preview shows how white text looks on a background with the XYZ color 66.3416, 69.9565,

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

66.3416, 69.9565, 76.3360

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

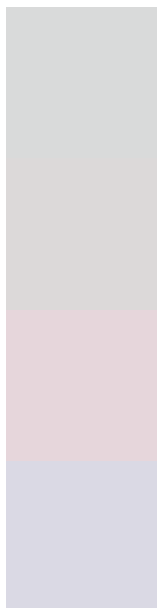
71.3403, 69.8801, 76.7460



Tritanopia

68.4773, 70.0550, 87.0036

Trichromacy



Original Color

66.3416, 69.9565, 76.3360

Protanomaly

66.8524, 69.8511, 75.6048

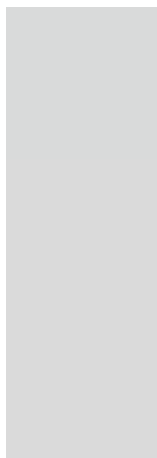
Deuteranomaly

69.4659, 70.0306, 76.8738

Tritanomaly

67.7299, 70.1326, 83.3660

Monochromacy



Original Color

66.3416, 69.9565, 76.3360

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 66.3416, 69.9565, 76.3360 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(217, 218, 218) looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 218)  
}
```

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(217, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.3416, 69.9565, 76.3360 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(217, 218, 218) }
```

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

```
.border{ border-color:rgb(217, 218, 218) }
```

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

Here you see how a box with a 4 pixel rgb(217, 218, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
218) }
```


Background

The CSS property to change the background color of an element to XYZ 66.3416, 69.9565, 76.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 218) }
```

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

```
.background{ background-color: rgb(217,  
218, 218) }
```

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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