

Converting Colors

XYZ(35.4049, 36.6320, 64.6549)

Have a look what the booklet for
XYZ(35.4049, 36.6320, 64.6549)
contains.

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Color

**XYZ(35.4758, 36.6804,
64.8848)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA4D0
RGB	140, 164, 208
RGB Percent	55%, 64%, 82%
CMY	0.4510, 0.3569, 0.1843
CMYK	0.33, 0.21, 0.00, 0.18
HSL	219°, 42%, 68%
HSV	219°, 33%, 82%
XYZ	35.4758, 36.6804, 64.8848
YIQ	161.8400, -28.4280, 8.5960

Conversions

Conversions Part 2

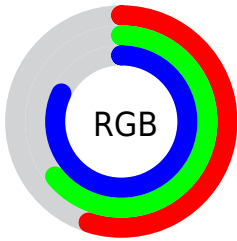
Format	Color
R _{YB}	140, 158, 208
Decimal	9217232
CIE Lab	67.04, 2.08, -25.14
CIE LCh	67, 25.222, 274.737
Yxy	36.6804, 0.2589, 0.2677
Android (android.graphics.Color)	4287407312 (0xFF8CA4D0)
YUV	161.8400, 22.7569, -19.1537
Hunter-Lab	60.5643, -1.4305, -21.1245

Details

The XYZ color **35.4758, 36.6804, 64.8848** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.8872, 49.5849, 31.8589**, and the grayscale version is **34.1752, 35.9549, 39.1549**.

A 20% lighter version of the original color is **65.8872, 69.4851, 104.5471**, and **15.4744, 15.9145, 32.3932** is the 20% darker color. If you saturate the color by 10%, you get **30.0143, 30.4773, 63.9760**, and if you desaturate by 10%, it is **41.8570, 43.7377, 65.9113**.

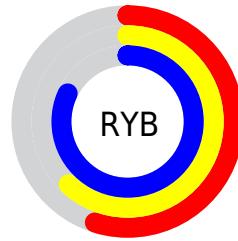
Distribution



Red (55%)

Green (64%)

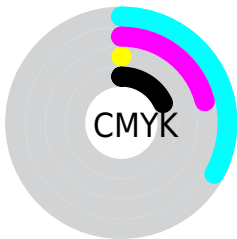
Blue (82%)



Red (55%)

Yellow (62%)

Blue (82%)

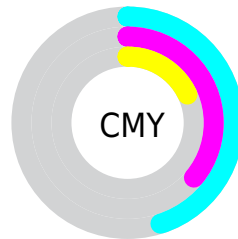


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (45%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4758, 36.6804, 64.8848 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 35.4758, 36.6804, 64.8848 by changing the saturation by 10% instead.

■ 35.4758, 36.6804,
64.8848

■ 35.4758, 36.6804,
64.8848

318.1349,
331.9248, 460.6727

■ 24.1978, 24.9601,
46.9169

■ 67.5514, 70.0810,
113.4959

■ 15.6060, 16.0474,
32.6161

■ 89.0797, 92.5301,
144.9762

■ 9.3348, 9.5577,
21.5638

■ 114.7556,
119.3242, 181.7978

■ 5.0191, 5.1067,
13.3415

144.9443,
150.8478, 224.3791

■ 2.2933, 2.3100,
7.5306

180.0112,
187.4853, 273.1387

■ 0.7913, 0.7790,
3.7127

220.3217,

■ 0.0000, 0.0000,

229.6210, 328.4951

1.4691

266.2412,
277.6394, 390.8670

■ 0.0000, 0.0000,
0.1947

■ 0.0000, 0.0000,
0.0000

■ 35.4758, 36.6804,
64.8848

■ 35.4758, 36.6804,
64.8848

■ 30.0143, 30.4773,
63.9760

■ 41.8570, 43.7377,
65.9113

■ 25.4237, 25.0890,
63.1779

■ 49.1965, 51.6778,
67.0571

■ 21.6557, 20.4791,
62.4867

■ 57.5347, 60.5331,
68.3268

■ 18.6555, 16.6065,
61.8973

■ 66.9087, 70.3330,
69.7243

■ 16.3609, 13.4251,
61.4042

■ 77.3536, 81.1056,
71.2532

■ 14.6981, 10.8824,
61.0010

■ 85.2036, 90.9706,
72.7436

■ 13.7952, 9.3739,
60.7574

■ 88.3853, 97.3341,
73.8042

Harmonies

Analogous

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



31.8117, 36.6804, 62.2314



35.4758, 36.6804, 64.8848



39.2343, 36.6804, 59.9179

Triad

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



35.4758, 36.6804, 64.8848



41.2781, 36.6804, 29.0779



28.6138, 36.6804, 31.5904

Complementary

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



35.4758, 36.6804, 64.8848



47.8872, 49.5849, 31.8589

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.



30.8302, 36.6804, 24.9823



35.4758, 36.6804, 64.8848



38.1047, 36.6804, 23.7290

Square

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



35.4758, 36.6804, 64.8848



42.7369, 36.6804, 38.2209



34.2585, 36.6804, 22.3795



28.0221, 36.6804, 41.7073

Rectangle

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



35.4758, 36.6804, 64.8848



41.2346, 36.6804, 53.4070



34.2585, 36.6804, 22.3795



29.1852, 36.6804, 28.9495

Sweetspot

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



35.4770, 36.6818, 64.8857



81.2433, 85.4012, 106.8098



41.9262, 54.1097, 53.0715



17.0025, 17.8662, 22.8023



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.



35.4770, 36.6818, 64.8857



50.2282, 51.3528, 101.8725



33.1708, 29.7072, 63.6610



11.5002, 12.0906, 14.9713



8.6806, 6.0078, 37.8946



0.5592, 0.4837, 2.1434

Inverse Universe

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



42.0923, 34.8475, 39.6311



62.4187, 48.6324, 55.1864



50.8258, 59.1390, 33.5482



11.9786, 11.8762, 13.1631



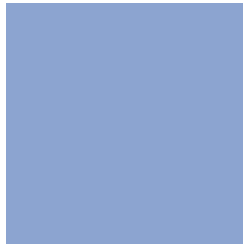
17.0123, 8.6778, 4.9709



0.9885, 0.5001, 0.4743

Previews

White Background



This preview shows how the XYZ color 35.4758, 36.6804, 64.8848 looks on a white background.

Color Contrast Check

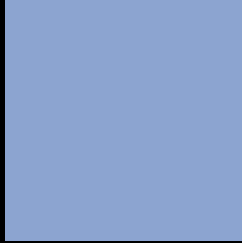
Large Text (above 18pt) WCAG AA × Fail

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 35.4758, 36.6804, 64.8848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

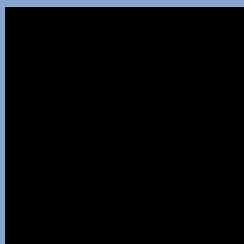
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

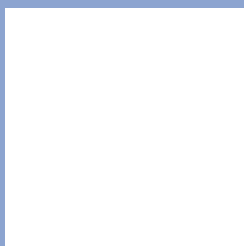
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4758, 36.6804, 64.8848

Background



This preview shows how black text looks on a background with the XYZ color 35.4758, 36.6804, 64.8848.



This preview shows how white text looks on a background with the XYZ color 35.4758, 36.6804,

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

35.4758, 36.6804, 64.8848

Protanopia

36.8343, 36.6214, 63.5198

Deuteranopia

37.4059, 36.6151, 65.4175



Tritanopia

32.4630, 36.8217, 49.6523

Trichromacy



Original Color

35.4758, 36.6804, 64.8848

Protanomaly

36.3956, 36.6416, 64.1858

Deuteranomaly

36.6479, 36.4827, 65.4319

Tritanomaly

33.3760, 36.6333, 54.6020

Monochromacy



Original Color

35.4758, 36.6804, 64.8848

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5603, 36.3191, 47.8366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4758, 36.6804, 64.8848 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(140, 164, 208)` looks like.

```
.text, #text, p{  
    color:rgb(140, 164, 208)  
}
```

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(140, 164, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 164, 208) }
```

Border

The CSS property to change the border of an element to XYZ 35.4758, 36.6804, 64.8848 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(140, 164, 208) }
```


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

```
.border{ border-color:rgb(140, 164, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 164, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 164, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 164, 208);  
box-shadow:4px 4px 4px 4px rgb(140, 164,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4758, 36.6804, 64.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 164, 208) }
```

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

```
.background{ background-color: rgb(140,  
164, 208) }
```

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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