

Converting Colors

XYZ(37.4452, 37.3337, 58.7974)

Have a look what the booklet for
XYZ(37.4452, 37.3337, 58.7974)
contains.

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Color

**XYZ(37.4114, 37.2888,
58.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA2C6
RGB	159, 162, 198
RGB Percent	62%, 64%, 78%
CMY	0.3765, 0.3647, 0.2235
CMYK	0.20, 0.18, 0.00, 0.22
HSL	235°, 25%, 70%
HSV	235°, 20%, 78%
XYZ	37.4114, 37.2888, 58.6517
YIQ	165.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

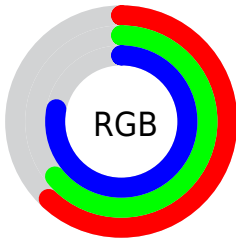
Format	Color
R_{YB}	159, 162, 198
Decimal	10461894
CIE _{Lab}	67.49, 6.55, -18.78
CIE _{LCh}	67, 19.886, 289.221
Yxy	37.2888, 0.2805, 0.2796
Android (android.graphics.Color)	4288651974 (0xFF9FA2C6)
YUV	165.2070, 16.1669, -5.4435
Hunter-Lab	61.0646, 2.4956, -14.2021

Details

The XYZ color **37.4114, 37.2888, 58.6517** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0620, 53.5390, 40.5499**, and the grayscale version is **35.7938, 37.6579, 41.0095**.

A 20% lighter version of the original color is **70.5944, 71.1418, 104.6188**, and **16.6734, 16.2913, 28.6513** is the 20% darker color. If you saturate the color by 10%, you get **30.8064, 29.4477, 57.4869**, and if you desaturate by 10%, it is **45.1156, 46.3930, 60.0035**.

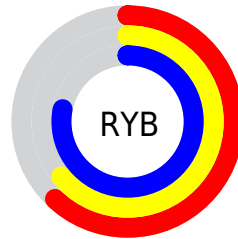
Distribution



Red (62%)

Green (64%)

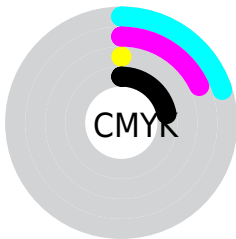
Blue (78%)



Red (62%)

Yellow (64%)

Blue (78%)

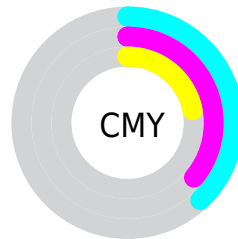


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4114, 37.2888, 58.6517 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 37.4114, 37.2888, 58.6517 by changing the saturation by 10% instead.

■ 37.4114, 37.2888,
58.6517

■ 37.4114, 37.2888,
58.6517

326.4129,
334.5592, 437.2758

■ 25.7013, 25.4312,
41.9146

■ 70.5148, 71.0167,
104.3954

■ 16.7318, 16.3986,
28.7094

■ 92.6388, 93.6558,
134.2391

■ 10.1376, 9.8066,
18.6174

118.9649,
120.6576, 169.2888

■ 5.5532, 5.2709,
11.2201

149.8583,
152.4063, 209.9631

■ 2.6134, 2.4071,
6.0991

185.6845,
189.2864, 256.6803

■ 0.9528, 0.8295,
2.8357

226.8087,

■ 0.0000, 0.0000,

231.6823, 309.8592

1.0113

273.5964,
279.9785, 369.9182

■ 0.0000, 0.0000,
0.0000

■ 37.4114, 37.2888,
58.6517

■ 37.4114, 37.2888,
58.6517

■ 30.8064, 29.4477,
57.4869

■ 45.1156, 46.3930,
60.0035

■ 25.2471, 22.8095,
56.4987

■ 53.9622, 56.8077,
61.5475

■ 20.6807, 17.3159,
55.6790

■ 63.9965, 68.5838,
63.2917

■ 17.0487, 12.9021,
55.0184

■ 75.2602, 81.7679,
65.2428

■ 14.2861, 9.4967,
54.5067

■ 86.6798, 95.8305,
67.3553

■ 12.3196, 7.0195,
54.1322

■ 87.1932, 96.8573,
67.5264

■ 11.0639, 5.3784,
53.8816

■ 10.3829, 4.4457,
53.7375

■ 10.3674, 4.4257,
53.7345

Harmonies

Analogous

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



34.3544, 37.2888, 59.4746



37.4114, 37.2888, 58.6517



40.0794, 37.2888, 52.6124

Triad

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



37.4114, 37.2888, 58.6517



39.4194, 37.2888, 29.1464



29.9780, 37.2888, 37.5348

Complementary

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



37.4114, 37.2888, 58.6517



49.0620, 53.5390, 40.5499

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.



31.1766, 37.2888, 30.5731



37.4114, 37.2888, 58.6517



36.5521, 37.2888, 26.2137

Square

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



37.4114, 37.2888, 58.6517



41.2840, 37.2888, 35.3101



33.5427, 37.2888, 26.6955



30.1787, 37.2888, 46.3961

Rectangle

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



37.4114, 37.2888, 58.6517



41.2235, 37.2888, 46.8679



33.5427, 37.2888, 26.6955



30.2278, 37.2888, 34.9196

Sweetspot

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



37.4126, 37.2903, 58.6525



85.3025, 88.5310, 107.2000



44.3149, 51.6886, 59.1235



18.0410, 18.6934, 22.9073



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.



37.4126, 37.2903, 58.6525



60.5578, 59.2849, 102.8591



40.3273, 38.0173, 58.6392



10.1212, 10.4164, 13.3946



6.7672, 2.9283, 34.9529



0.3437, 0.1852, 1.6628

Inverse Universe

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



42.2093, 39.4116, 39.5666



70.7394, 63.8554, 62.3323



45.6852, 52.8067, 40.5866



10.6664, 10.6500, 11.2268



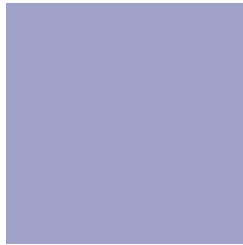
15.2151, 7.8356, 1.0766



0.7322, 0.3757, 0.1128

Previews

White Background



This preview shows how the XYZ color 37.4114, 37.2888, 58.6517 looks on a white background.

Color Contrast Check

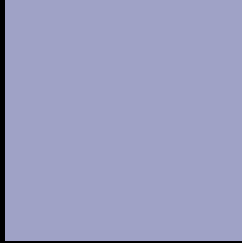
Large Text (above 18pt) WCAG AA × Fail

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 37.4114, 37.2888, 58.6517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

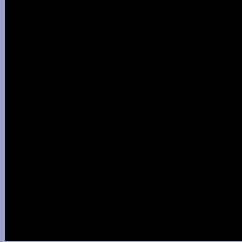
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4114, 37.2888, 58.6517

Background



This preview shows how black text looks on a background with the XYZ color 37.4114, 37.2888, 58.6517.



This preview shows how white text looks on a background with the XYZ color 37.4114, 37.2888,

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

37.4114, 37.2888, 58.6517

Protanopia

37.0005, 37.3395, 58.6832

Deuteranopia

38.0422, 37.3535, 58.6310



Tritanopia

35.1094, 37.1335, 47.9648

Trichromacy



Original Color

37.4114, 37.2888, 58.6517

Protanomaly

37.1949, 37.4397, 58.6923

Deuteranomaly

37.8382, 37.2483, 58.6214

Tritanomaly

35.8487, 37.1640, 51.7383

Monochromacy



Original Color

37.4114, 37.2888, 58.6517

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3155, 37.5118, 46.9214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4114, 37.2888, 58.6517 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(159, 162, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 198)  
}
```

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(159, 162, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 198) }
```

Border

The CSS property to change the border of an element to XYZ 37.4114, 37.2888, 58.6517 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(159, 162, 198) }
```


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

```
.border{ border-color:rgb(159, 162, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4114, 37.2888, 58.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 198) }
```

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

```
.background{ background-color: rgb(159,  
162, 198) }
```

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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