

Converting Colors

XYZ(32.4929, 35.3758, 58.5925)

Have a look what the booklet for
XYZ(32.4929, 35.3758, 58.5925)
contains.

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Color

**XYZ(32.3706, 35.2173,
58.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	80A4C6
RGB	128, 164, 198
RGB Percent	50%, 64%, 78%
CMY	0.4980, 0.3569, 0.2235
CMYK	0.35, 0.17, 0.00, 0.22
HSL	209°, 38%, 64%
HSV	209°, 35%, 78%
XYZ	32.3706, 35.2173, 58.5176
YIQ	157.1120, -32.3700, 2.9420

Conversions

Conversions Part 2

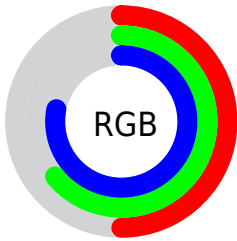
Format	Color
R_{YB}	128, 152, 198
Decimal	8430790
CIE _{Lab}	65.92, -3.92, -21.37
CIE _{LCh}	66, 21.726, 259.607
Yxy	35.2173, 0.2567, 0.2793
Android (android.graphics.Color)	4286620870 (0xFF80A4C6)
YUV	157.1120, 20.1578, -25.5312
Hunter-Lab	59.3442, -6.4855, -16.9233

Details

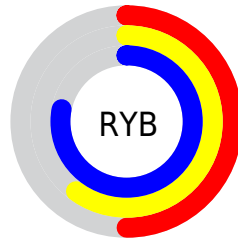
The XYZ color **32.3706, 35.2173, 58.5176** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.1061, 39.4057, 25.9155**, and the grayscale version is **32.0217, 33.6893, 36.6877**.

A 20% lighter version of the original color is **62.9100, 67.9503, 104.4078**, and **13.8087, 15.1385, 28.5798** is the 20% darker color. If you saturate the color by 10%, you get **28.0217, 30.5170, 57.8402**, and if you desaturate by 10%, it is **37.4331, 40.4803, 59.2673**.

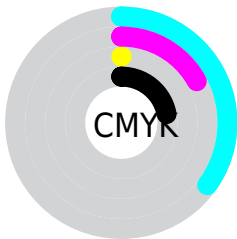
Distribution



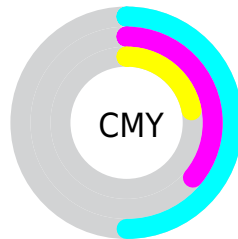
- Red (50%)
- Green (64%)
- Blue (78%)



- Red (50%)
- Yellow (60%)
- Blue (78%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3706, 35.2173, 58.5176 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 32.3706, 35.2173, 58.5176 by changing the saturation by 10% instead.

■ 32.3706, 35.2173,
58.5176

■ 32.3706, 35.2173,
58.5176

304.5194,
325.5264, 436.7639

■ 21.8016, 23.8303,
41.8075

■ 62.7529, 67.8223,
104.1984

■ 13.8270, 15.2078,
28.6261

■ 83.2970, 89.8090,
134.0062

■ 8.0813, 8.9654,
18.5550

■ 107.8968,
116.0978, 169.0169

■ 4.1993, 4.7186,
11.1756

136.9177,
147.0731, 209.6492

■ 1.8155, 2.0831,
6.0694

170.7250,
183.1192, 256.3214

■ 0.5270, 0.6551,
2.8179

209.6842,

■ 0.0000, 0.0000,

224.6205, 309.4523

1.0024

254.1605,
271.9615, 369.4602

■ 0.0000, 0.0000,
0.0000

■ 32.3706, 35.2173,
58.5176

■ 32.3706, 35.2173,
58.5176

■ 28.0217, 30.5170,
57.8402

■ 37.4331, 40.4803,
59.2673

■ 24.3461, 26.3520,
57.2300

■ 43.2397, 46.3234,
60.0890

■ 21.3045, 22.6984,
56.6851

■ 49.8232, 52.7684,
60.9861

■ 18.8518, 19.5284,
56.2025

■ 57.2134, 59.8344,
61.9604

■ 16.9359, 16.8104,
55.7788

■ 65.4384, 67.5397,
63.0142

■ 15.4935, 14.5069,
55.4102

■ 74.5248, 75.9017,
64.1493

■ 14.9280, 13.5469,
55.2547

■ 80.0992, 82.6694,
65.1618

■ 82.8703, 88.2116,
66.0855

■ 85.7917, 94.0544,
67.0593

Harmonies

Analogous

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



29.6264, 35.2173, 53.4637



32.3706, 35.2173, 58.5176



35.5895, 35.2173, 57.5479

Triad

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



32.3706, 35.2173, 58.5176



39.6375, 35.2173, 32.7089



28.9841, 35.2173, 27.9833

Complementary

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



32.3706, 35.2173, 58.5176



40.1061, 39.4057, 25.9155

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.



31.4421, 35.2173, 23.9747



32.3706, 35.2173, 58.5176



37.6389, 35.2173, 26.3855

Square

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



32.3706, 35.2173, 58.5176



39.9258, 35.2173, 41.6275



34.6001, 35.2173, 23.4408



27.7559, 35.2173, 35.2410

Rectangle

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



32.3706, 35.2173, 58.5176



37.5687, 35.2173, 53.6589



34.6001, 35.2173, 23.4408



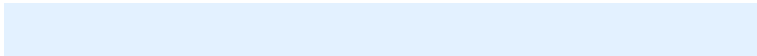
29.6864, 35.2173, 26.2640

Sweetspot

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



32.3717, 35.2187, 58.5184



81.2795, 86.6762, 107.0540



35.6039, 47.5809, 41.4133



17.0600, 18.2209, 22.8678



0.0000, 0.0000, 0.0000



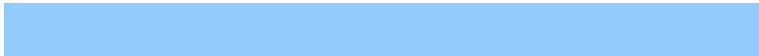
20.3446, 21.4041, 23.3091

Same Dimension

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



32.3717, 35.2187, 58.5184



51.5961, 56.2095, 102.7379



26.9684, 24.4120, 56.7173



10.5002, 11.1745, 13.5210



9.7939, 8.9818, 35.9618



0.5361, 0.5699, 1.7269

Inverse Universe

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



37.7097, 30.1256, 38.9506



62.5915, 46.7193, 62.2069



47.1141, 53.4219, 28.2515



10.8578, 10.7265, 12.2342



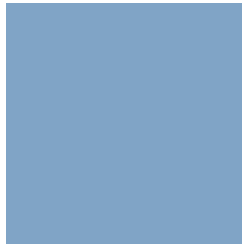
16.7429, 8.4467, 9.1217



0.8293, 0.4146, 0.6242

Previews

White Background



This preview shows how the XYZ color 32.3706, 35.2173, 58.5176 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 32.3706, 35.2173, 58.5176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

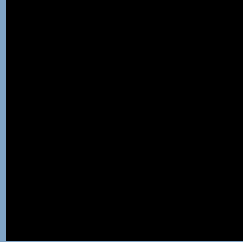
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3706, 35.2173, 58.5176

Background



This preview shows how black text looks on a background with the XYZ color 32.3706, 35.2173, 58.5176.



This preview shows how white text looks on a background with the XYZ color 32.3706, 35.2173,

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

32.3706, 35.2173, 58.5176

Protanopia

34.9134, 35.0242, 55.9591

Deuteranopia

35.9999, 35.2526, 59.5506



Tritanopia

30.3691, 35.2178, 48.3771

Trichromacy



Original Color

32.3706, 35.2173, 58.5176

Protanomaly

33.7488, 34.9214, 56.5915

Deuteranomaly

34.5567, 35.2849, 59.0222

Tritanomaly

31.0633, 35.2203, 52.1747

Monochromacy



Original Color

32.3706, 35.2173, 58.5176

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8713, 34.2312, 43.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3706, 35.2173, 58.5176 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(128, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(128, 164, 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(128, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 164, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.3706, 35.2173, 58.5176 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(128, 164, 198) }
```


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

```
.border{ border-color:rgb(128, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(128, 164,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3706, 35.2173, 58.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 164, 198) }
```

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

```
.background{ background-color: rgb(128,  
164, 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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