

Converting Colors

XYZ(32.2940, 39.0771, 58.7772)

Have a look what the booklet for
XYZ(32.2940, 39.0771, 58.7772)
contains.

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Color

**XYZ(32.3051, 39.1232,
58.6722)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB2C5
RGB	109, 178, 197
RGB Percent	43%, 70%, 77%
CMY	0.5725, 0.3019, 0.2274
CMYK	0.45, 0.10, 0.00, 0.23
HSL	193°, 43%, 60%
HSV	193°, 45%, 77%
XYZ	32.3051, 39.1232, 58.6722
YIQ	159.5350, -47.2230, -8.7190

Conversions

Conversions Part 2

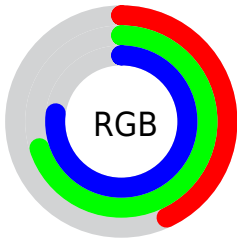
Format	Color
R _{YB}	109, 148, 197
Decimal	7189189
CIE _{Lab}	68.84, -16.75, -16.47
CIE _{LCh}	69, 23.496, 224.516
Yxy	39.1232, 0.2483, 0.3007
Android (android.graphics.Color)	4285379269 (0xFF6DB2C5)
YUV	159.5350, 18.4702, -44.3192
Hunter-Lab	62.5485, -17.2682, -11.8316

Details

The XYZ color **32.3051, 39.1232, 58.6722** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.5062, 28.4136, 18.1875**, and the grayscale version is **33.1342, 34.8597, 37.9622**.

A 20% lighter version of the original color is **62.8293, 74.0007, 104.7380**, and **13.7597, 17.4073, 28.6213** is the 20% darker color. If you saturate the color by 10%, you get **29.3150, 36.3457, 58.2944**, and if you desaturate by 10%, it is **35.8670, 42.2362, 59.0860**.

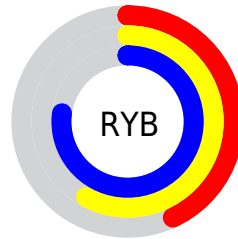
Distribution



Red (43%)

Green (70%)

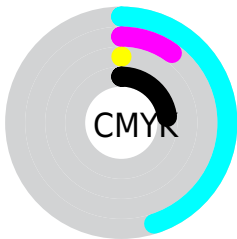
Blue (77%)



Red (43%)

Yellow (58%)

Blue (77%)

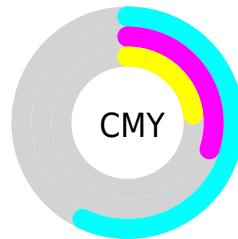


Cyan (45%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3051, 39.1232, 58.6722 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 32.3051, 39.1232, 58.6722 by changing the saturation by 10% instead.

■ 32.3051, 39.1232,
58.6722

■ 32.3051, 39.1232,
58.6722

304.2274,
342.4140, 437.3541

■ 21.7513, 26.8556,
41.9310

■ 62.6511, 73.8265,
104.4255

■ 13.7899, 17.4648,
28.7221

■ 83.1739, 97.0309,
134.2747

■ 8.0554, 10.5664,
18.6269

■ 107.7506,
124.6498, 169.3304

■ 4.1825, 5.7761,
11.2270

136.7463,
157.0675, 210.0110

■ 1.8059, 2.7094,
6.1036

170.5265,
194.6683, 256.7352

■ 0.5212, 0.9820,
2.8384

209.4565,

■ 0.0000, 0.0000,

237.8368, 309.9214

1.0127

253.9017,
286.9572, 369.9881

■ 0.0000, 0.0000,
0.0000

■ 32.3051, 39.1232,
58.6722

■ 32.3051, 39.1232,
58.6722

■ 29.3150, 36.3457,
58.2944

■ 35.8670, 42.2362,
59.0860

■ 26.8560, 33.8798,
57.9480

■ 40.0305, 45.6977,
59.5347

■ 24.8879, 31.7051,
57.6320

■ 44.8279, 49.5256,
60.0207

■ 23.3627, 29.7967,
57.3440

■ 50.2876, 53.7350,
60.5455

■ 22.2223, 28.1242,
57.0813

■ 56.4368, 58.3401,
61.1102

■ 21.7114, 27.2978,
56.9487

■ 63.3007, 63.3543,
61.7163

■ 70.9034, 68.7902,
62.3649

■ 74.8687, 72.3924,
62.8511

■ 75.9462, 74.5473,
63.2103

Harmonies

Analogous

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



30.6693, 39.1232, 47.9537



32.3051, 39.1232, 58.6722



35.3045, 39.1232, 65.6013

Triad

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



32.3051, 39.1232, 58.6722



44.5294, 39.1232, 48.3171



35.4176, 39.1232, 25.6562

Complementary

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



32.3051, 39.1232, 58.6722



33.5062, 28.4136, 18.1875

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.



39.1320, 39.1232, 25.7203



32.3051, 39.1232, 58.6722



44.5648, 39.1232, 37.6576

Square

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



32.3051, 39.1232, 58.6722



42.4405, 39.1232, 58.9763



42.5341, 39.1232, 29.7664



32.3831, 39.1232, 29.5738

Rectangle

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



32.3051, 39.1232, 58.6722



37.7527, 39.1232, 66.5141



42.5341, 39.1232, 29.7664



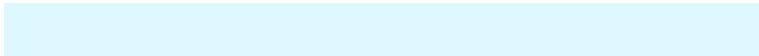
36.6239, 39.1232, 25.2367

Sweetspot

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



32.3063, 39.1247, 58.6731



81.6475, 89.7643, 107.6307



30.0786, 44.7065, 26.9873



17.0337, 18.8671, 22.9939



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.



32.3063, 39.1247, 58.6731



52.4251, 65.0199, 104.3948



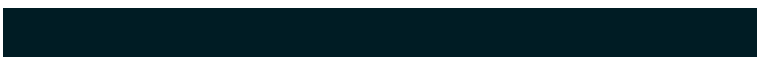
25.1056, 24.7234, 56.2729



10.7449, 11.6639, 13.6025



14.3435, 18.0810, 37.4784



0.7290, 0.9557, 1.7912

Inverse Universe

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



36.5315, 26.0230, 45.2186



61.2640, 39.5037, 75.8243



40.2746, 41.9504, 20.4436



10.9813, 10.7759, 12.8846



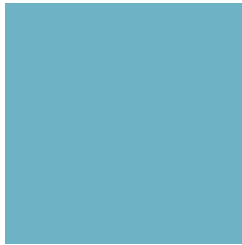
19.0393, 9.3653, 21.2145



0.9266, 0.4535, 1.1368

Previews

White Background



This preview shows how the XYZ color 32.3051, 39.1232, 58.6722 looks on a white background.

Color Contrast Check

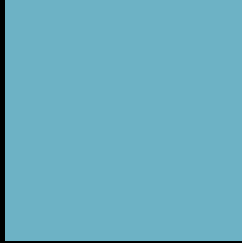
Large Text (above 18pt) WCAG AA × Fail

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 32.3051, 39.1232, 58.6722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

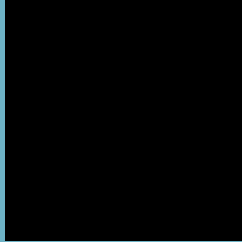
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3051, 39.1232, 58.6722

Background



This preview shows how black text looks on a background with the XYZ color 32.3051, 39.1232, 58.6722.



This preview shows how white text looks on a background with the XYZ color 32.3051, 39.1232,

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

32.3051, 39.1232, 58.6722

Protanopia

38.1314, 38.8391, 53.6311

Deuteranopia

39.4589, 38.5800, 60.0106



Tritanopia

31.9301, 39.2786, 56.3507

Trichromacy



Original Color

32.3051, 39.1232, 58.6722

Protanomaly

35.3908, 38.4845, 55.4321

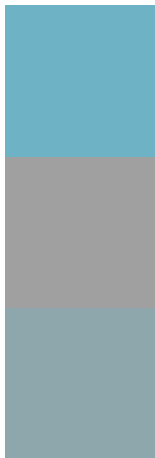
Deuteranomaly

36.1655, 38.2398, 59.5077

Tritanomaly

32.0420, 39.3234, 56.9403

Monochromacy



Original Color

32.3051, 39.1232, 58.6722

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3460, 36.3173, 44.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3051, 39.1232, 58.6722 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(109, 178, 197)` looks like.

```
.text, #text, p{  
    color:rgb(109, 178, 197)  
}
```

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(109, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 178, 197) }
```

Border

The CSS property to change the border of an element to XYZ 32.3051, 39.1232, 58.6722 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(109, 178, 197) }
```


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

```
.border{ border-color:rgb(109, 178, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 178, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(109, 178,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3051, 39.1232, 58.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 178, 197) }
```

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

```
.background{ background-color: rgb(109,  
178, 197) }
```

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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