

Converting Colors

XYZ(32.8034, 38.9353, 60.9850)

Have a look what the booklet for
XYZ(32.8034, 38.9353, 60.9850)
contains.

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Color

**XYZ(32.8203, 39.0408,
61.0642)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB1C9
RGB	111, 177, 201
RGB Percent	44%, 69%, 79%
CMY	0.5647, 0.3059, 0.2118
CMYK	0.45, 0.12, 0.00, 0.21
HSL	196°, 45%, 61%
HSV	196°, 45%, 79%
XYZ	32.8203, 39.0408, 61.0642
YIQ	160.0020, -47.0400, -6.5280

Conversions

Conversions Part 2

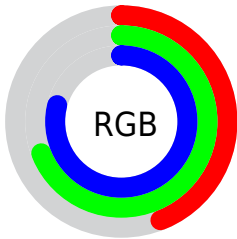
Format	Color
R _Y B	111, 149, 201
Decimal	7320009
CIE Lab	68.78, -14.65, -18.76
CIE LCh	69, 23.802, 232.007
Yxy	39.0408, 0.2469, 0.2937
Android (android.graphics.Color)	4285510089 (0xFF6FB1C9)
YUV	160.0020, 20.2120, -42.9748
Hunter-Lab	62.4826, -15.5838, -14.2062

Details

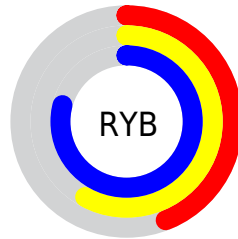
The XYZ color **32.8203, 39.0408, 61.0642** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.6215, 30.8941, 19.1258**, and the grayscale version is **33.3409, 35.0772, 38.1991**.

A 20% lighter version of the original color is **63.1253, 73.7133, 105.5088**, and **14.0497, 17.3341, 30.2091** is the 20% darker color. If you saturate the color by 10%, you get **29.5324, 35.8057, 60.6138**, and if you desaturate by 10%, it is **36.7213, 42.6554, 61.5570**.

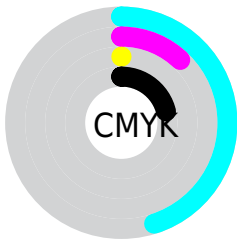
Distribution



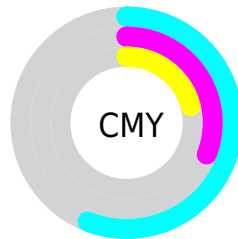
- Red (44%)
- Green (69%)
- Blue (79%)



- Red (44%)
- Yellow (58%)
- Blue (79%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8203, 39.0408, 61.0642 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 32.8203, 39.0408, 61.0642 by changing the saturation by 10% instead.

■ 32.8203, 39.0408,
61.0642

■ 32.8203, 39.0408,
61.0642

306.5185,
342.0639, 446.4224

■ 22.1474, 26.7915,
43.8461

■ 63.4514, 73.7006,
107.9303

■ 14.0825, 17.4167,
30.2132

■ 84.1404, 96.8799,
138.4154

■ 8.2601, 10.5320,
19.7471

■ 108.8987,
124.4714, 174.1599

■ 4.3150, 5.7531,
12.0291

138.0917,
156.8593, 215.5824

■ 1.8819, 2.6955,
6.6407

172.0849,
194.4281, 263.1013

■ 0.5663, 0.9749,
3.1634

211.2435,

■ 0.0000, 0.0000,

237.5622, 317.1353

1.1787

255.9330,
286.6460, 378.1028

■ 0.0000, 0.0000,
0.0000

■ 32.8203, 39.0408,
61.0642

■ 32.8203, 39.0408,
61.0642

■ 29.5324, 35.8057,
60.6138

■ 36.7213, 42.6554,
61.5570

■ 26.8147, 32.9248,
60.2009

■ 41.2672, 46.6640,
62.0911

■ 24.6246, 30.3762,
59.8244

■ 46.4919, 51.0856,
62.6692

■ 22.9113, 28.1330,
59.4817

■ 52.4258, 55.9366,
63.2928

■ 21.6132, 26.1627,
59.1699

■ 59.0974, 61.2323,
63.9633

■ 21.0392, 25.2101,
59.0162

■ 66.5335, 66.9872,
64.6822

■ 74.7597, 73.2151,
65.4508

■ 77.3449, 76.6013,
65.9681

■ 78.7733, 79.4581,
66.4442

Harmonies

Analogous

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



30.7823, 39.0408, 50.7747



32.8203, 39.0408, 61.0642



36.1080, 39.0408, 66.5674

Triad

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



32.8203, 39.0408, 61.0642



44.7607, 39.0408, 45.4622



34.4558, 39.0408, 26.0163

Complementary

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



32.8203, 39.0408, 61.0642



35.6215, 30.8941, 19.1258

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.



38.1245, 39.0408, 25.0824



32.8203, 39.0408, 61.0642



44.2438, 39.0408, 35.1925

Square

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



32.8203, 39.0408, 61.0642



43.1198, 39.0408, 56.6157



41.7518, 39.0408, 28.1537



31.6811, 39.0408, 30.9645

Rectangle

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



32.8203, 39.0408, 61.0642



38.6361, 39.0408, 66.2273



41.7518, 39.0408, 28.1537



35.6190, 39.0408, 25.2605

Sweetspot

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



32.8215, 39.0423, 61.0651



81.1328, 88.7350, 107.4592



31.7115, 46.8610, 29.7468



16.9058, 18.6112, 22.9512



0.0000, 0.0000, 0.0000



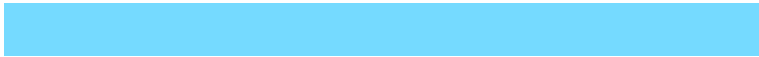
20.3446, 21.4041, 23.3091

Same Dimension

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



32.8215, 39.0423, 61.0651



50.5709, 61.3116, 103.7767



25.5554, 24.5101, 58.6431



10.6982, 11.5705, 13.5870



13.3070, 16.0080, 37.1329



0.6873, 0.8724, 1.7773

Inverse Universe

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



37.7087, 26.9619, 44.8132



60.3281, 39.1293, 70.8960



42.9776, 45.6064, 21.5779



10.9577, 10.7665, 12.7606



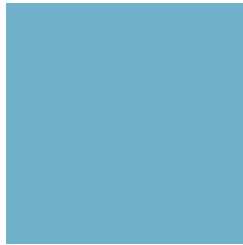
18.5161, 9.1560, 18.4595



0.9056, 0.4451, 1.0261

Previews

White Background



This preview shows how the XYZ color 32.8203, 39.0408, 61.0642 looks on a white background.

Color Contrast Check

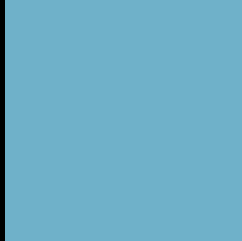
Large Text (above 18pt) WCAG AA × Fail

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 32.8203, 39.0408, 61.0642 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

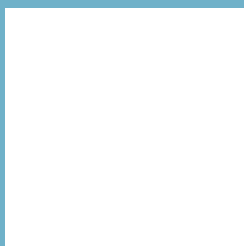
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8203, 39.0408, 61.0642

Background



This preview shows how black text looks on a background with the XYZ color 32.8203, 39.0408, 61.0642.



This preview shows how white text looks on a background with the XYZ color 32.8203, 39.0408,

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

32.8203, 39.0408, 61.0642

Protanopia

38.1621, 38.8041, 55.9307

Deuteranopia

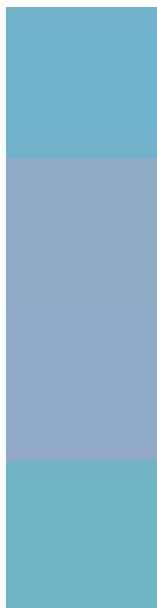
39.5133, 38.5534, 62.4857



Tritanopia

31.8527, 38.9423, 56.2899

Trichromacy



Original Color

32.8203, 39.0408, 61.0642

Protanomaly

35.6662, 38.5746, 57.7904

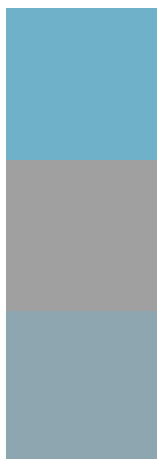
Deuteranomaly

36.4592, 38.3368, 61.9781

Tritanomaly

32.3146, 39.1413, 58.0764

Monochromacy



Original Color

32.8203, 39.0408, 61.0642

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.5294, 36.1184, 45.8145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8203, 39.0408, 61.0642 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(111, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(111, 177, 201)  
}
```

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(111, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 177, 201) }
```

Border

The CSS property to change the border of an element to XYZ 32.8203, 39.0408, 61.0642 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(111, 177, 201) }
```


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

```
.border{ border-color:rgb(111, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(111, 177,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8203, 39.0408, 61.0642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 177, 201) }
```

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

```
.background{ background-color: rgb(111,  
177, 201) }
```

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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