

Converting Colors

XYZ(31.9385, 40.5888, 62.0290)

Have a look what the booklet for
XYZ(31.9385, 40.5888, 62.0290)
contains.

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Color

**XYZ(32.0176, 40.7189,
62.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB8CA
RGB	90, 184, 202
RGB Percent	35%, 72%, 79%
CMY	0.6470, 0.2784, 0.2078
CMYK	0.55, 0.09, 0.00, 0.21
HSL	190°, 51%, 57%
HSV	190°, 55%, 79%
XYZ	32.0176, 40.7189, 62.0491
YIQ	157.9460, -61.8020, -14.3300

Conversions

Conversions Part 2

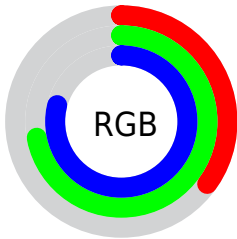
Format	Color
RYB	90, 141, 202
Decimal	5945546
CIELab	69.98, -22.70, -17.58
CIElCh	70, 28.707, 217.751
Yxy	40.7189, 0.2375, 0.3021
Android (android.graphics.Color)	4284135626 (0xFF5AB8CA)
YUV	157.9460, 21.7186, -59.5886
Hunter-Lab	63.8114, -22.1068, -12.9846

Details

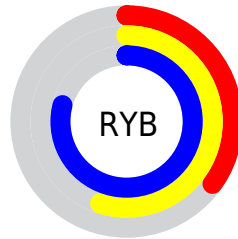
The XYZ color **32.0176, 40.7189, 62.0491** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **31.5661, 24.0209, 12.6469**, and the grayscale version is **32.4009, 34.0882, 37.1221**.

A 20% lighter version of the original color is **61.4228, 75.8361, 106.0082**, and **13.6753, 18.4809, 30.8634** is the 20% darker color. If you saturate the color by 10%, you get **29.6470, 38.5080, 61.7480**, and if you desaturate by 10%, it is **34.9400, 43.2390, 62.3822**.

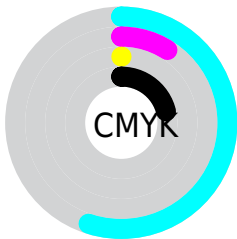
Distribution



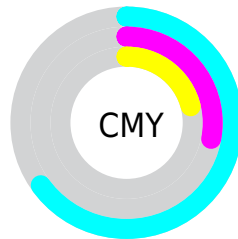
- Red (35%)
- Green (72%)
- Blue (79%)



- Red (35%)
- Yellow (55%)
- Blue (79%)



- Cyan (55%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (65%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0176, 40.7189, 62.0491 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 32.0176, 40.7189, 62.0491 by changing the saturation by 10% instead.

■ 32.0176, 40.7189,
62.0491

■ 32.0176, 40.7189,
62.0491

302.9433,
349.1444, 450.1228

■ 21.5306, 28.0995,
44.6363

■ 62.2037, 76.2570,
109.3688

■ 13.6270, 18.4007,
30.8302

■ 82.6334, 99.9445,
140.1128

■ 7.9417, 11.2380,
20.2122

■ 107.1081,
128.0901, 176.1376

■ 4.1091, 6.2272,
12.3638

■ 135.9931,
161.0783, 217.8617

■ 1.7641, 2.9837,
6.8664

169.6538,
199.2934, 265.7038

■ 0.4959, 1.1232,
3.3015

208.4555,

■ 0.0000, 0.0000,

243.1199, 320.0823

1.2506

252.7635,
292.9421, 381.4158

■ 0.0000, 0.0000,
0.0208

■ 0.0000, 0.0000,
0.0000

■ 32.0176, 40.7189,
62.0491

■ 32.0176, 40.7189,
62.0491

■ 29.6470, 38.5080,
61.7480

■ 34.9400, 43.2390,
62.3822

■ 27.7800, 36.5787,
61.4741

■ 38.4500, 46.0842,
62.7464

■ 26.3662, 34.9057,
61.2257

■ 42.5846, 49.2746,
63.1443

■ 25.3423, 33.4563,
60.9998

■ 47.3766, 52.8275,
63.5775

■ 24.9492, 32.8411,
60.9018

■ 52.8567, 56.7586,
64.0475

■ 59.0534, 61.0828,
64.5555

■ 65.9937, 65.8142,
65.1030

■ 73.7032, 70.9662,
65.6911

■ 75.7502, 73.2232,
66.0188

Harmonies

Analogous

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



30.4570, 40.7189, 47.9015



32.0176, 40.7189, 62.0491



35.3957, 40.7189, 72.7039

Triad

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



32.0176, 40.7189, 62.0491



47.6373, 40.7189, 54.8210



37.5017, 40.7189, 23.3979

Complementary

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



32.0176, 40.7189, 62.0491



31.5661, 24.0209, 12.6469

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.



42.2082, 40.7189, 24.5139



32.0176, 40.7189, 62.0491



48.3152, 40.7189, 40.9519

Square

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



32.0176, 40.7189, 62.0491



44.4736, 40.7189, 67.9792



46.2577, 40.7189, 30.3621



33.4528, 40.7189, 26.9294

Rectangle

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



32.0176, 40.7189, 62.0491



38.3503, 40.7189, 75.3751



46.2577, 40.7189, 30.3621



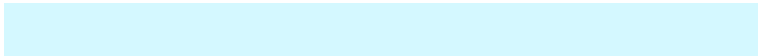
39.0561, 40.7189, 23.2575

Sweetspot

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



32.0189, 40.7204, 62.0501



78.6783, 88.3205, 107.5085



27.9814, 45.4730, 21.1585



16.4759, 18.6360, 22.9787



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.



32.0189, 40.7204, 62.0501



49.3376, 64.3478, 104.4277



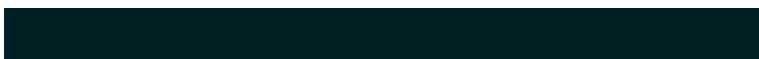
22.7549, 22.1926, 58.9621



11.3838, 12.4080, 14.3654



16.1090, 21.2420, 39.2074



0.8732, 1.1801, 2.0367

Inverse Universe

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



36.6661, 23.3308, 47.9198



58.3623, 33.2001, 76.3993



39.2653, 39.4193, 15.2133



11.6071, 11.3716, 13.7315



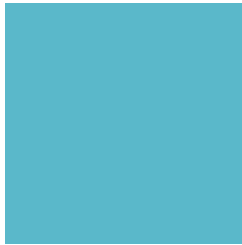
20.3420, 9.9474, 25.3174



1.0707, 0.5217, 1.4181

Previews

White Background



This preview shows how the XYZ color 32.0176, 40.7189, 62.0491 looks on a white background.

Color Contrast Check

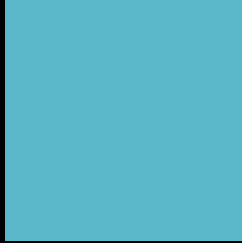
Large Text (above 18pt) WCAG AA × Fail

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 32.0176, 40.7189, 62.0491 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 32.0176, 40.7189, 62.0491

Background



This preview shows how black text looks on a background with the XYZ color 32.0176, 40.7189, 62.0491.



This preview shows how white text looks on a background with the XYZ color 32.0176, 40.7189,

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

32.0176, 40.7189, 62.0491

Protanopia

39.4283, 40.2887, 55.5676

Deuteranopia

41.1390, 40.1637, 63.9766



Tritanopia

31.5691, 40.5283, 60.1917

Trichromacy



Original Color

32.0176, 40.7189, 62.0491

Protanomaly

35.5811, 39.6609, 58.0045

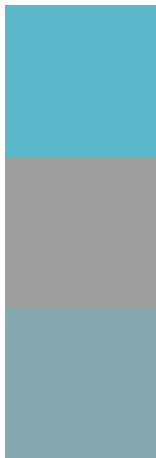
Deuteranomaly

36.7782, 39.8704, 63.5149

Tritanomaly

31.6856, 40.5750, 60.8053

Monochromacy



Original Color

32.0176, 40.7189, 62.0491

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.1316, 35.6800, 45.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0176, 40.7189, 62.0491 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(90, 184, 202)` looks like.

```
.text, #text, p{  
    color:rgb(90, 184, 202)  
}
```

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(90, 184, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 184, 202) }
```

Border

The CSS property to change the border of an element to XYZ 32.0176, 40.7189, 62.0491 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(90, 184, 202) }
```


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

```
.border{ border-color:rgb(90, 184, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 184, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 184, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 184, 202);  
box-shadow:4px 4px 4px 4px rgb(90, 184,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0176, 40.7189, 62.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 184, 202) }
```

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

```
.background{ background-color: rgb(90, 184,  
202) }
```

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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