

Converting Colors

XYZ(32.8045, 40.3028, 57.6799)

Have a look what the booklet for
XYZ(32.8045, 40.3028, 57.6799)
contains.

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Color

**XYZ(32.8046, 40.3029,
57.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB5C3
RGB	110, 181, 195
RGB Percent	43%, 71%, 76%
CMY	0.5686, 0.2902, 0.2353
CMYK	0.44, 0.07, 0.00, 0.24
HSL	190°, 41%, 60%
HSV	190°, 44%, 76%
XYZ	32.8046, 40.3029, 57.6800
YIQ	161.3670, -46.8100, -10.6980

Conversions

Conversions Part 2

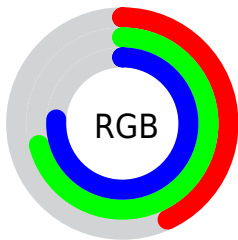
Format	Color
R _Y B	110, 149, 195
Decimal	7255491
CIE Lab	69.68, -18.60, -14.09
CIE LCh	70, 23.341, 217.149
Yxy	40.3029, 0.2508, 0.3082
Android (android.graphics.Color)	4285445571 (0xFF6EB5C3)
YUV	161.3670, 16.5811, -45.0489
Hunter-Lab	63.4846, -18.8611, -9.4298

Details

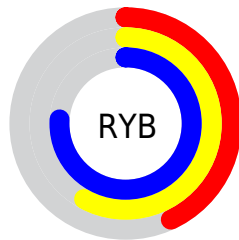
The XYZ color **32.8046, 40.3029, 57.6800** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.5285, 27.1438, 18.2777**, and the grayscale version is **33.9889, 35.7589, 38.9415**.

A 20% lighter version of the original color is **63.5808, 75.7036, 103.3567**, and **14.0482, 18.1457, 27.9614** is the 20% darker color. If you saturate the color by 10%, you get **29.9950, 37.8972, 57.3644**, and if you desaturate by 10%, it is **36.1655, 43.0171, 58.0275**.

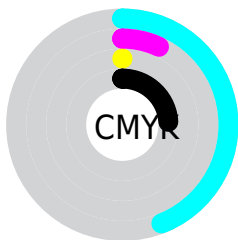
Distribution



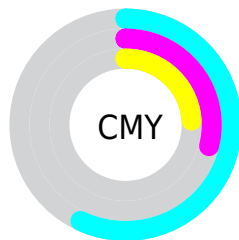
- Red (43%)
- Green (71%)
- Blue (76%)



- Red (43%)
- Yellow (58%)
- Blue (76%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8046, 40.3029, 57.6800 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 32.8046, 40.3029, 57.6800 by changing the saturation by 10% instead.

■ 32.8046, 40.3029,
57.6800

■ 32.8046, 40.3029,
57.6800

306.4489,
347.3986, 433.5574

■ 22.1353, 27.7748,
41.1384

■ 63.4271, 75.6245,
102.9669

■ 14.0735, 18.1560,
28.1068

■ 84.1110, 99.1869,
132.5493

■ 8.2539, 11.0620,
18.1664

■ 108.8638,
127.1960, 167.3157

■ 4.3110, 6.1086,
10.8989

138.0508,
160.0365, 207.6848

■ 1.8795, 2.9112,
5.8855

172.0375,
198.0925, 254.0749

■ 0.5649, 1.0856,
2.7079

211.1892,

■ 0.0000, 0.0000,

241.7487, 306.9047

0.9474

255.8712,
291.3892, 366.5927

■ 0.0000, 0.0000,
0.0000

■ 32.8046, 40.3029,
57.6800

■ 32.8046, 40.3029,
57.6800

■ 29.9950, 37.8972,
57.3644

■ 36.1655, 43.0171,
58.0275

■ 27.6977, 35.7768,
57.0762

■ 40.1064, 46.0518,
58.4055

■ 25.8739, 33.9225,
56.8145

■ 44.6582, 49.4241,
58.8165

■ 24.4780, 32.3108,
56.5769

■ 49.8487, 53.1484,
59.2618

■ 23.4546, 30.9129,
56.3610

■ 55.7036, 57.2382,
59.7426

■ 22.9276, 30.0945,
56.2309

■ 62.2476, 61.7063,
60.2602

■ 69.5039, 66.5647,
60.8155

■ 73.3293, 69.6779,
61.2148

■ 74.1138, 71.2469,
61.4763

Harmonies

Analogous

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



31.5430, 40.3029, 46.5226



32.8046, 40.3029, 57.6800



35.5550, 40.3029, 65.9761

Triad

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



32.8046, 40.3029, 57.6800



45.3966, 40.3029, 52.4660



37.4100, 40.3029, 26.3114

Complementary

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



32.8046, 40.3029, 57.6800



32.5285, 27.1438, 18.2777

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.



41.1968, 40.3029, 27.3711



32.8046, 40.3029, 57.6800



45.9741, 40.3029, 41.3452

Square

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



32.8046, 40.3029, 57.6800



42.8620, 40.3029, 62.6371



44.3920, 40.3029, 32.4828



34.0862, 40.3029, 29.3045

Rectangle

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



32.8046, 40.3029, 57.6800



37.9466, 40.3029, 68.1072



44.3920, 40.3029, 32.4828



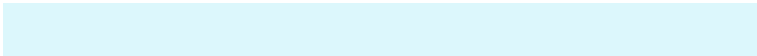
38.6691, 40.3029, 26.2149

Sweetspot

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



32.8058, 40.3045, 57.6809



80.3205, 88.7642, 105.3697



29.5059, 43.7699, 25.5513



17.1641, 19.1279, 23.0374



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.



32.8058, 40.3045, 57.6809



54.0806, 68.1917, 102.7818



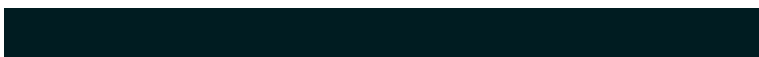
25.6233, 25.9394, 55.2868



10.2228, 11.1369, 12.8957



14.9540, 19.6645, 36.5641



0.6846, 0.9266, 1.5926

Inverse Universe

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



36.4231, 26.0912, 46.8342



61.5668, 40.2571, 80.0016



38.8213, 39.7294, 20.3753



10.4238, 10.2181, 12.3220



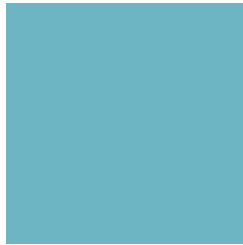
18.9441, 9.2674, 23.4152



0.8379, 0.4082, 1.1139

Previews

White Background



This preview shows how the XYZ color 32.8046, 40.3029, 57.6800 looks on a white background.

Color Contrast Check

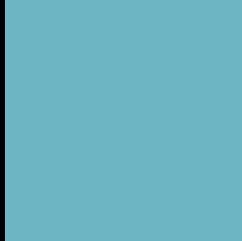
Large Text (above 18pt) WCAG AA × Fail

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 32.8046, 40.3029, 57.6800 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 32.8046, 40.3029, 57.6800

Background



This preview shows how black text looks on a background with the XYZ color 32.8046, 40.3029, 57.6800.



This preview shows how white text looks on a background with the XYZ color 32.8046, 40.3029,

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

32.8046, 40.3029, 57.6800

Protanopia

38.9086, 39.8086, 52.6468

Deuteranopia

40.6614, 39.7581, 58.9571



Tritanopia

32.9181, 40.3483, 58.2776

Trichromacy



Original Color

32.8046, 40.3029, 57.6800

Protanomaly

36.0919, 39.7158, 54.4789

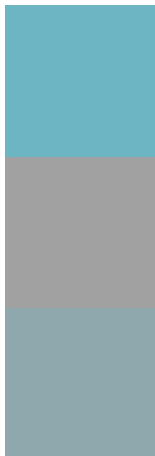
Deuteranomaly

37.0354, 39.5466, 58.5046

Tritanomaly

32.9181, 40.3483, 58.2776

Monochromacy



Original Color

32.8046, 40.3029, 57.6800

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.7008, 36.7732, 44.9096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8046, 40.3029, 57.6800 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(110, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(110, 181, 195)  
}
```

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(110, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.8046, 40.3029, 57.6800 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(110, 181, 195) }
```


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

```
.border{ border-color:rgb(110, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(110, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8046, 40.3029, 57.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 181, 195) }
```

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

```
.background{ background-color: rgb(110,  
181, 195) }
```

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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