

Converting Colors

XYZ(32.7863, 40.2671, 58.8676)

Have a look what the booklet for
XYZ(32.7863, 40.2671, 58.8676)
contains.

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Color

**XYZ(32.7863, 40.2671,
58.8676)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB5C5
RGB	108, 181, 197
RGB Percent	42%, 71%, 77%
CMY	0.5765, 0.2902, 0.2274
CMYK	0.45, 0.08, 0.00, 0.23
HSL	191°, 43%, 60%
HSV	191°, 45%, 77%
XYZ	32.7863, 40.2671, 58.8676
YIQ	160.9970, -48.6440, -10.5000

Conversions

Conversions Part 2

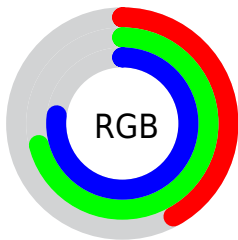
Format	Color
RYB	108, 148, 197
Decimal	7124421
CIELab	69.66, -18.56, -15.24
CIElCh	70, 24.016, 219.394
Yxy	40.2671, 0.2485, 0.3052
Android (android.graphics.Color)	4285314501 (0xFF6CB5C5)
YUV	160.9970, 17.7495, -46.4784
Hunter-Lab	63.4564, -18.8222, -10.5831

Details

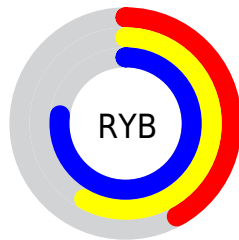
The XYZ color **32.7863, 40.2671, 58.8676** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.9413, 27.3693, 17.7352**, and the grayscale version is **33.8123, 35.5732, 38.7392**.

A 20% lighter version of the original color is **63.4834, 75.6166, 105.0155**, and **14.0423, 18.1253, 28.7450** is the 20% darker color. If you saturate the color by 10%, you get **29.9450, 37.7478, 58.5318**, and if you desaturate by 10%, it is **36.1897, 43.1051, 59.2367**.

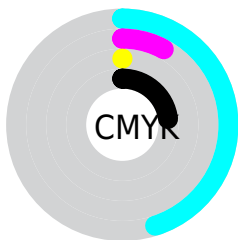
Distribution



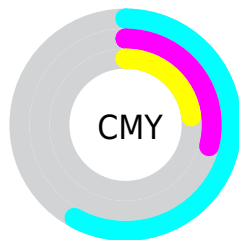
- Red (42%)
- Green (71%)
- Blue (77%)



- Red (42%)
- Yellow (58%)
- Blue (77%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7863, 40.2671, 58.8676 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 32.7863, 40.2671, 58.8676 by changing the saturation by 10% instead.

■ 32.7863, 40.2671,
58.8676

■ 32.7863, 40.2671,
58.8676

■ 306.3677,
347.2481, 438.0993

■ 22.1212, 27.7469,
42.0872

■ 63.3987, 75.5701,
104.7124

■ 14.0631, 18.1349,
28.8435

■ 84.0767, 99.1216,
134.6140

■ 8.2466, 11.0469,
18.7179

■ 108.8230,
127.1190, 169.7264

■ 4.3063, 6.0984,
11.2919

■ 138.0031,
159.9467, 210.4681

■ 1.8768, 2.9050,
6.1469

■ 171.9823,
197.9890, 257.2577

■ 0.5633, 1.0823,
2.8644

■ 211.1259,

■ 0.0000, 0.0000,

241.6305, 310.5137

1.0258

255.7992,
291.2553, 370.6548

■ 0.0000, 0.0000,
0.0000

■ 32.7863, 40.2671,
58.8676

■ 32.7863, 40.2671,
58.8676

■ 29.9450, 37.7478,
58.5318

■ 36.1897, 43.1051,
59.2367

■ 27.6251, 35.5234,
58.2247

■ 40.1850, 46.2748,
59.6380

■ 25.7861, 33.5736,
57.9453

■ 44.8045, 49.7938,
60.0737

■ 24.3797, 31.8735,
57.6913

■ 50.0768, 53.6771,
60.5454

■ 23.3470, 30.3923,
57.4598

■ 56.0289, 57.9388,
61.0543

■ 22.9260, 29.7270,
57.3536

■ 62.6860, 62.5921,
61.6016

■ 70.0723, 67.6496,
62.1885

■ 74.2006, 71.0561,
62.6284

■ 75.0810, 72.8168,
62.9219

Harmonies

Analogous

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



31.3671, 40.2671, 47.4286



32.7863, 40.2671, 58.8676



35.7039, 40.2671, 67.0666

Triad

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



32.7863, 40.2671, 58.8676



45.6975, 40.2671, 51.8108



37.0666, 40.2671, 25.9463

Complementary

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



32.7863, 40.2671, 58.8676



32.9413, 27.3693, 17.7352

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.



40.9618, 40.2671, 26.7162



32.7863, 40.2671, 58.8676



46.1239, 40.2671, 40.4448

Square

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



32.7863, 40.2671, 58.8676



43.2108, 40.2671, 62.5378



44.3393, 40.2671, 31.6223



33.7258, 40.2671, 29.3047

Rectangle

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



32.7863, 40.2671, 58.8676



38.1937, 40.2671, 68.8982



44.3393, 40.2671, 31.6223



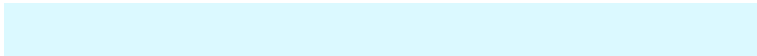
38.3518, 40.2671, 25.7455

Sweetspot

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



32.7875, 40.2687, 58.8685



81.1005, 89.8202, 107.6703



29.7164, 44.5474, 25.7178



16.9446, 18.9150, 23.0078



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.



32.7875, 40.2687, 58.8685



53.7921, 67.7538, 104.8504



25.3043, 25.3021, 56.3741



10.7783, 11.7307, 13.6137



15.1350, 19.6638, 37.7422



0.7602, 1.0182, 1.8016

Inverse Universe

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



36.7301, 25.9329, 46.7873



61.9539, 39.7797, 79.4577



39.6136, 40.7138, 19.9593



10.9981, 10.7826, 12.9734



19.4388, 9.5251, 23.3181



0.9424, 0.4598, 1.2199

Previews

White Background



This preview shows how the XYZ color 32.7863, 40.2671, 58.8676 looks on a white background.

Color Contrast Check

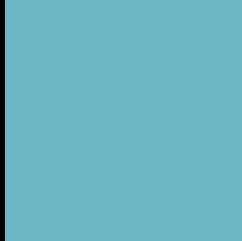
Large Text (above 18pt) WCAG AA × Fail

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 32.7863, 40.2671, 58.8676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

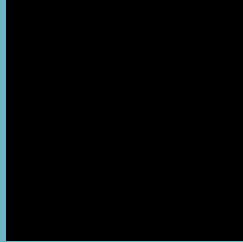
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7863, 40.2671, 58.8676

Background



This preview shows how black text looks on a background with the XYZ color 32.7863, 40.2671, 58.8676.



This preview shows how white text looks on a background with the XYZ color 32.7863, 40.2671,

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

32.7863, 40.2671, 58.8676

Protanopia

39.1243, 39.8949, 53.7825

Deuteranopia

40.6750, 39.7383, 60.1700



Tritanopia

32.6720, 40.2214, 58.2661

Trichromacy



Original Color

32.7863, 40.2671, 58.8676

Protanomaly

36.3121, 39.8039, 55.6382

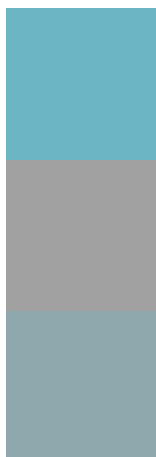
Deuteranomaly

37.0845, 39.5452, 59.7113

Tritanomaly

32.6720, 40.2214, 58.2661

Monochromacy



Original Color

32.7863, 40.2671, 58.8676

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.7979, 36.8120, 45.4212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7863, 40.2671, 58.8676 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(108, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(108, 181, 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(108, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 181, 197) }
```

Border

The CSS property to change the border of an element to XYZ 32.7863, 40.2671, 58.8676 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(108, 181, 197) }
```


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

```
.border{ border-color:rgb(108, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(108, 181,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7863, 40.2671, 58.8676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 181, 197) }
```

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

```
.background{ background-color: rgb(108,  
181, 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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