

Converting Colors

XYZ(30.8359, 41.0587, 52.9786)

Have a look what the booklet for
XYZ(30.8359, 41.0587, 52.9786)
contains.

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Color

**XYZ(30.7362, 40.8871,
52.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	5BBABA
RGB	91, 186, 186
RGB Percent	36%, 73%, 73%
CMY	0.6431, 0.2706, 0.2706
CMYK	0.51, 0.00, 0.00, 0.27
HSL	180°, 41%, 54%
HSV	180°, 51%, 73%
XYZ	30.7362, 40.8871, 52.7264
YIQ	157.5950, -56.6200, -20.1400

Conversions

Conversions Part 2

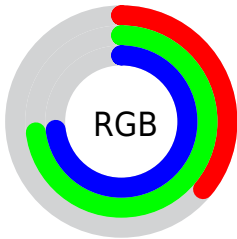
Format	Color
RYB	91, 139, 186
Decimal	6011578
CIELab	70.10, -27.91, -8.61
CIELCh	70, 29.211, 197.148
Yxy	40.8871, 0.2472, 0.3288
Android (android.graphics.Color)	4284201658 (0xFF5BBABA)
YUV	157.5950, 14.0037, -58.4038
Hunter-Lab	63.9430, -26.0987, -4.1295

Details

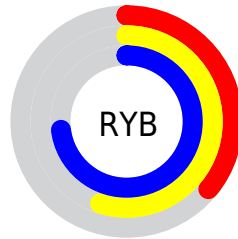
The XYZ color **30.7362, 40.8871, 52.7264** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.8805, 18.6778, 12.1400**, and the grayscale version is **32.2742, 33.9550, 36.9769**.

A 20% lighter version of the original color is **59.9919, 76.2110, 95.5527**, and **12.8616, 18.3902, 25.0621** is the 20% darker color. If you saturate the color by 10%, you get **29.1253, 40.0576, 52.6517**, and if you desaturate by 10%, it is **32.8040, 41.9540, 52.8243**.

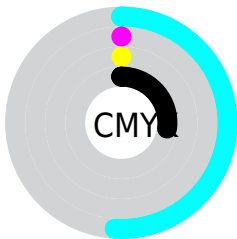
Distribution



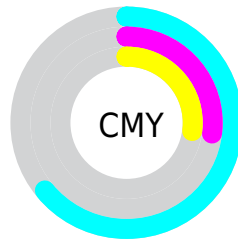
- Red (36%)
- Green (73%)
- Blue (73%)



- Red (36%)
- Yellow (55%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7362, 40.8871, 52.7264 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 30.7362, 40.8871, 52.7264 by changing the saturation by 10% instead.

■ 30.7362, 40.8871,
52.7264

■ 30.7362, 40.8871,
52.7264

297.1698,
349.8485, 414.2710

■ 20.5489, 28.2309,
37.1982

■ 60.2032, 76.5125,
95.6391

■ 12.9052, 18.4998,
25.0640

■ 80.2136, 100.2504,
123.8607

■ 7.4399, 11.3094,
15.9053

■ 104.2290,
128.4511, 157.1504

■ 3.7874, 6.2753,
9.3035

■ 132.6149,
161.4988, 195.9269

■ 1.5826, 3.0132,
4.8402

165.7366,
199.7780, 240.6087

■ 0.3810, 1.1386,
2.0967

203.9593,

■ 0.0000, 0.0107,

243.6731, 291.6143

0.6138

247.6486,
293.5685, 349.3622

■ 0.0000, 0.0000,
0.0000

■ 30.7362, 40.8871,
52.7264

■ 30.7362, 40.8871,
52.7264

■ 29.1253, 40.0576,
52.6517

■ 32.8040, 41.9540,
52.8243

■ 27.9333, 39.4431,
52.5958

■ 35.3556, 43.2694,
52.9439

■ 27.1226, 39.0252,
52.5576

■ 38.4204, 44.8494,
53.0875

■ 26.6466, 38.7798,
52.5352

■ 42.0243, 46.7073,
53.2563

■ 26.4224, 38.6642,
52.5245

■ 46.1914, 48.8555,
53.4515

■ 50.9443, 51.3057,
53.6742

■ 56.3046, 54.0690,
53.9252

■ 62.2925, 57.1559,
54.2056

■ 67.6629, 59.9244,
54.4571

Harmonies

Analogous

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



30.5842, 40.8871, 38.9255



30.7362, 40.8871, 52.7264



32.9490, 40.8871, 66.6997

Triad

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



30.7362, 40.8871, 52.7264



45.9853, 40.8871, 64.8919



40.9391, 40.8871, 23.4975

Complementary

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



30.7362, 40.8871, 52.7264



25.8805, 18.6778, 12.1400

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.



45.4431, 40.8871, 27.8976



30.7362, 40.8871, 52.7264



48.5129, 40.8871, 50.6244

Square

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



30.7362, 40.8871, 52.7264



41.6310, 40.8871, 74.6502



48.3068, 40.8871, 37.2110



36.2185, 40.8871, 23.8321

Rectangle

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



30.7362, 40.8871, 52.7264



35.4061, 40.8871, 73.3949



48.3068, 40.8871, 37.2110



42.5357, 40.8871, 24.4267

Sweetspot

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



30.7374, 40.8887, 52.7274



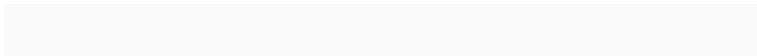
73.3204, 83.1883, 96.3934



23.9206, 38.1802, 16.0073



15.8428, 18.1629, 21.2132



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.7374, 40.8887, 52.7274



52.5560, 72.4839, 95.4201



22.5689, 24.5513, 50.0054



9.2667, 10.2107, 11.5618



17.7756, 26.0112, 35.3356



0.6266, 0.9170, 1.2457

Inverse Universe

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



25.8805, 18.6778, 12.1400



42.7911, 27.8289, 13.8192



31.0733, 29.0636, 13.8706



9.0046, 9.0122, 9.3719



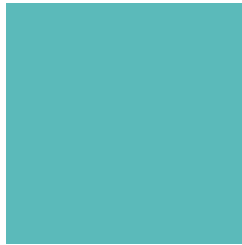
13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 30.7362, 40.8871, 52.7264 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 30.7362, 40.8871, 52.7264 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

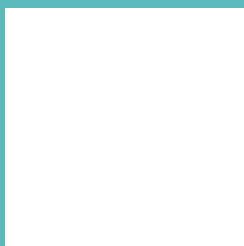
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7362, 40.8871, 52.7264

Background



This preview shows how black text looks on a background with the XYZ color 30.7362, 40.8871, 52.7264.

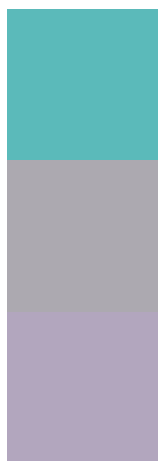


This preview shows how white text looks on a background with the XYZ color 30.7362, 40.8871,

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

30.7362, 40.8871, 52.7264

Protanopia

39.0377, 40.2812, 46.7918

Deuteranopia

41.2906, 40.4551, 54.3476



Tritanopia

32.2732, 40.8913, 60.2247

Trichromacy



Original Color

30.7362, 40.8871, 52.7264

Protanomaly

34.8959, 39.7949, 49.0220

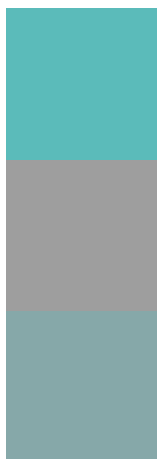
Deuteranomaly

35.9829, 39.6723, 53.9051

Tritanomaly

31.7027, 40.9726, 57.2765

Monochromacy



Original Color

30.7362, 40.8871, 52.7264

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.9020, 35.9007, 42.3466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7362, 40.8871, 52.7264 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(91, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(91, 186, 186)  
}
```

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(91, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.7362, 40.8871, 52.7264 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(91, 186, 186) }
```


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

```
.border{ border-color:rgb(91, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(91, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7362, 40.8871, 52.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 186, 186) }
```

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

```
.background{ background-color: rgb(91, 186,  
186) }
```

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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