

Converting Colors

XYZ(30.3025, 41.1911, 53.7725)

Have a look what the booklet for
XYZ(30.3025, 41.1911, 53.7725)
contains.

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Color

**XYZ(30.3686, 41.3028,
53.9486)**

Conversions

Conversions Part 1

Format	Color
Hex	50BCBC
RGB	80, 188, 188
RGB Percent	31%, 74%, 74%
CMY	0.6863, 0.2627, 0.2627
CMYK	0.57, 0.00, 0.00, 0.26
HSL	180°, 45%, 53%
HSV	180°, 57%, 74%
XYZ	30.3686, 41.3028, 53.9486
YIQ	155.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

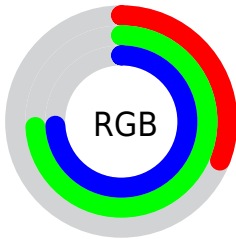
Format	Color
R_{YB}	80, 134, 188
Decimal	5291196
CIE _{Lab}	70.39, -30.54, -9.32
CIE _{LCh}	70, 31.928, 196.964
Yxy	41.3028, 0.2417, 0.3288
Android (android.graphics.Color)	4283481276 (0xFF50BCBC)
YUV	155.7080, 15.9200, -66.3959
Hunter-Lab	64.2673, -28.1200, -4.7834

Details

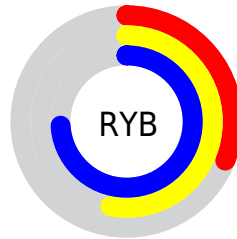
The XYZ color **30.3686, 41.3028, 53.9486** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.0571, 17.0091, 9.5532**, and the grayscale version is **31.4230, 33.0594, 36.0017**.

A 20% lighter version of the original color is **59.7968, 77.4119, 97.3783**, and **12.8983, 18.7995, 25.8705** is the 20% darker color. If you saturate the color by 10%, you get **28.9982, 40.5973, 53.8852**, and if you desaturate by 10%, it is **32.1855, 42.2404, 54.0347**.

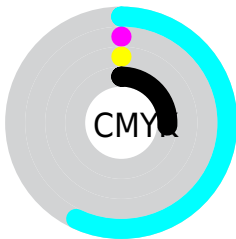
Distribution



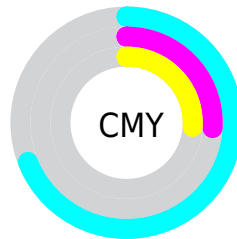
- Red (31%)
- Green (74%)
- Blue (74%)



- Red (31%)
- Yellow (53%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3686, 41.3028, 53.9486 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 30.3686, 41.3028, 53.9486 by changing the saturation by 10% instead.

■ 30.3686, 41.3028,
53.9486

■ 30.3686, 41.3028,
53.9486

295.4979,
351.5846, 419.0831

■ 20.2680, 28.5558,
38.1677

■ 59.6272, 77.1433,
97.4544

■ 12.6994, 18.7450,
25.8100

■ 79.5160, 101.0056,
126.0164

■ 7.2974, 11.4862,
16.4571

■ 103.3982,
129.3418, 159.6758

■ 3.6968, 6.3948,
9.6903

■ 131.6391,
162.5362, 198.8511

■ 1.5321, 3.0866,
5.0912

164.6042,
200.9733, 243.9610

■ 0.3475, 1.1771,
2.2412

202.6588,

■ 0.0000, 0.0429,

245.0375, 295.4239

0.6980

246.1683,
295.1131, 353.6584

■ 0.0000, 0.0000,
0.0000

■ 30.3686, 41.3028,
53.9486

■ 30.3686, 41.3028,
53.9486

■ 28.9982, 40.5973,
53.8852

■ 32.1855, 42.2404,
54.0347

■ 28.0325, 40.0995,
53.8398

■ 34.4790, 43.4227,
54.1422

■ 27.4284, 39.7880,
53.8114

■ 37.2807, 44.8670,
54.2735

■ 27.1211, 39.6296,
53.7968

■ 40.6185, 46.5877,
54.4299

■ 27.0610, 39.5986,
53.7940

■ 44.5184, 48.5982,
54.6126

■ 49.0045, 50.9109,
54.8227

■ 54.0997, 53.5375,
55.0614

■ 59.8255, 56.4893,
55.3295

■ 66.2026, 59.7768,
55.6281

Harmonies

Analogous

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



30.2179, 41.3028, 38.7584



30.3686, 41.3028, 53.9486



32.7607, 41.3028, 69.5958

Triad

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



30.3686, 41.3028, 53.9486



47.1104, 41.3028, 67.7375



41.5793, 41.3028, 22.2707

Complementary

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



30.3686, 41.3028, 53.9486



25.0571, 17.0091, 9.5532

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.



46.5600, 41.3028, 26.9719



30.3686, 41.3028, 53.9486



49.9399, 41.3028, 51.8160

Square

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



30.3686, 41.3028, 53.9486



42.2777, 41.3028, 78.6939



49.7299, 41.3028, 37.0504



36.3838, 41.3028, 22.5933

Rectangle

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



30.3686, 41.3028, 53.9486



35.4365, 41.3028, 77.1820



49.7299, 41.3028, 37.0504



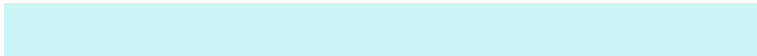
43.3428, 41.3028, 23.2620

Sweetspot

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



30.3698, 41.3044, 53.9496



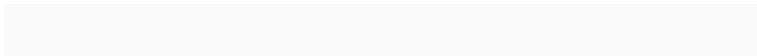
73.7215, 84.4865, 98.6476



22.8948, 38.3322, 13.7826



15.5748, 18.0248, 21.2007



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.



30.3698, 41.3044, 53.9496



52.0140, 73.2960, 97.6300



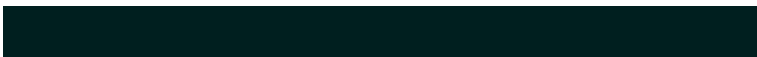
21.1627, 22.8899, 50.8815



9.8086, 10.8096, 12.2417



18.4239, 26.9598, 36.6244



0.7217, 1.0560, 1.4346

Inverse Universe

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



25.0571, 17.0091, 9.5532



41.4639, 25.0503, 9.4674



30.4670, 27.8290, 11.3562



9.5302, 9.5364, 9.9151



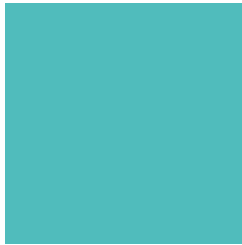
14.1202, 7.2793, 0.6609



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 30.3686, 41.3028, 53.9486 looks on a white background.

Color Contrast Check

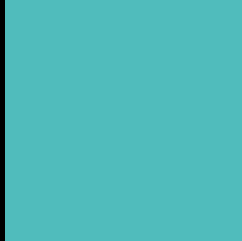
Large Text (above 18pt) WCAG AA × Fail

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 30.3686, 41.3028, 53.9486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

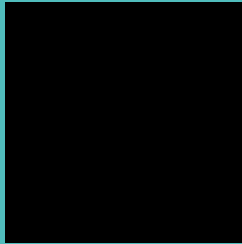
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3686, 41.3028, 53.9486

Background



This preview shows how black text looks on a background with the XYZ color 30.3686, 41.3028, 53.9486.

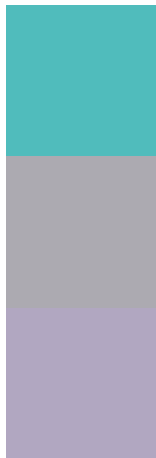


This preview shows how white text looks on a background with the XYZ color 30.3686, 41.3028,

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

30.3686, 41.3028, 53.9486

Protanopia

39.3238, 40.6944, 47.3772

Deuteranopia

41.5758, 40.8348, 56.1427



Tritanopia

31.8478, 41.2662, 61.5449

Trichromacy



Original Color

30.3686, 41.3028, 53.9486

Protanomaly

34.7101, 40.2694, 49.6594

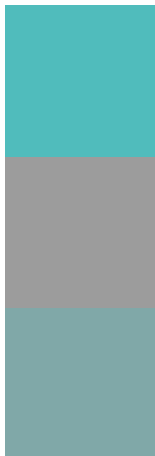
Deuteranomaly

35.8893, 40.1723, 55.1527

Tritanomaly

31.3014, 41.3652, 58.5591

Monochromacy



Original Color

30.3686, 41.3028, 53.9486

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

29.9726, 35.4216, 42.3031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3686, 41.3028, 53.9486 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(80, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(80, 188, 188)  
}
```

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(80, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 30.3686, 41.3028, 53.9486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

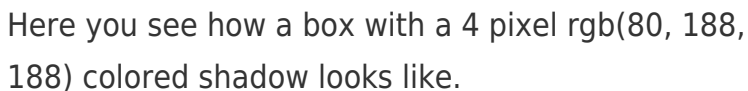
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 188, 188) }
```


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

```
.border{ border-color:rgb(80, 188, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(80, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(80, 188, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(80, 188, 188); box-shadow:4px 4px 4px 4px rgb(80, 188, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3686, 41.3028, 53.9486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 188, 188) }
```

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

```
.background{ background-color: rgb(80, 188,  
188) }
```

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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