

Converting Colors

XYZ(30.5450, 41.6836, 60.0582)

Have a look what the booklet for
XYZ(30.5450, 41.6836, 60.0582)
contains.

XYZ(30.4405, 41.5292, 59.8376)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4405, 41.5292,
59.8376)**

Conversions

Conversions Part 1

Format	Color
Hex	3FBDC6
RGB	63, 189, 198
RGB Percent	25%, 74%, 78%
CMY	0.7529, 0.2588, 0.2235
CMYK	0.68, 0.05, 0.00, 0.22
HSL	184°, 54%, 51%
HSV	184°, 68%, 78%
XYZ	30.4405, 41.5292, 59.8376
YIQ	152.3520, -77.9850, -23.9130

Conversions

Conversions Part 2

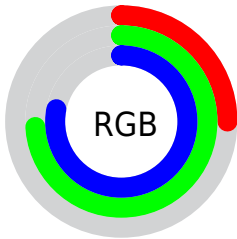
Format	Color
RYB	63, 128, 198
Decimal	4177350
CIELab	70.55, -30.95, -14.60
CIElCh	71, 34.222, 205.263
Yxy	41.5292, 0.2309, 0.3151
Android (android.graphics.Color)	4282367430 (0xFF3FBDC6)
YUV	152.3520, 22.5045, -78.3617
Hunter-Lab	64.4432, -28.4589, -9.9425

Details

The XYZ color **30.4405, 41.5292, 59.8376** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **26.5041, 17.0003, 6.5881**, and the grayscale version is **29.9284, 31.4870, 34.2894**.

A 20% lighter version of the original color is **59.9079, 77.7207, 106.4519**, and **13.6980, 19.3416, 29.3969** is the 20% darker color. If you saturate the color by 10%, you get **29.1138, 40.4266, 59.6955**, and if you desaturate by 10%, it is **32.2269, 42.8744, 60.0039**.

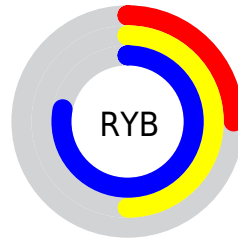
Distribution



Red (25%)

Green (74%)

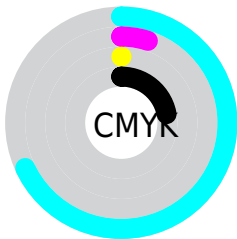
Blue (78%)



Red (25%)

Yellow (50%)

Blue (78%)

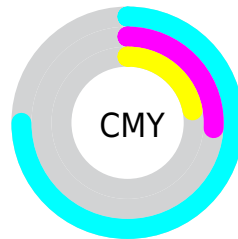


Cyan (68%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4405, 41.5292, 59.8376 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 30.4405, 41.5292, 59.8376 by changing the saturation by 10% instead.

■ 30.4405, 41.5292,
59.8376

■ 30.4405, 41.5292,
59.8376

295.8255,
352.5276, 441.7869

■ 20.3229, 28.7328,
42.8633

■ 59.7400, 77.4866,
106.1351

■ 12.7396, 18.8788,
29.4473

■ 79.6526, 101.4164,
136.2954

■ 7.3252, 11.5827,
19.1710

■ 103.5609,
129.8261, 171.6881

■ 3.7145, 6.4602,
11.6158

■ 131.8302,
163.1002, 212.7318

■ 1.5419, 3.1269,
6.3633

■ 164.8260,
201.6230, 259.8450

■ 0.3541, 1.1983,
2.9949

202.9136,

■ 0.0000, 0.0603,

245.7789, 313.4462

1.0920

246.4583,
295.9523, 373.9540

■ 0.0000, 0.0000,
0.0000

■ 30.4405, 41.5292,
59.8376

■ 30.4405, 41.5292,
59.8376

■ 29.1138, 40.4266,
59.6955

■ 32.2269, 42.8744,
60.0039

■ 28.1915, 39.5354,
59.5721

■ 34.5130, 44.4802,
60.1933

■ 27.5964, 38.8167,
59.4647

■ 37.3387, 46.3680,
60.4088

■ 27.5010, 38.6929,
59.4458

■ 40.7388, 48.5558,
60.6518

■ 44.7453, 51.0600,
60.9240

■ 49.3878, 53.8960,
61.2268

■ 54.6937, 57.0779,
61.5613

■ 60.6893, 60.6193,
61.9288

■ 67.3989, 64.5327,
62.3306

Harmonies

Analogous

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



29.6057, 41.5292, 42.6972



30.4405, 41.5292, 59.8376



33.6002, 41.5292, 75.9060

Triad

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



30.4405, 41.5292, 59.8376



49.0893, 41.5292, 65.3637



40.3762, 41.5292, 20.7597

Complementary

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



30.4405, 41.5292, 59.8376



26.5041, 17.0003, 6.5881

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.



45.9915, 41.5292, 24.1674



30.4405, 41.5292, 59.8376



51.3183, 41.5292, 47.8366

Square

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



30.4405, 41.5292, 59.8376



44.2922, 41.5292, 79.5933



50.1341, 41.5292, 33.1980



35.0153, 41.5292, 22.5144

Rectangle

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



30.4405, 41.5292, 59.8376



36.7728, 41.5292, 82.4731



50.1341, 41.5292, 33.1980



42.3007, 41.5292, 21.3103

Sweetspot

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



30.4418, 41.5308, 59.8386



77.6369, 89.4275, 107.7771



23.3425, 41.8848, 12.6085



16.1746, 18.8653, 23.0388



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.



30.4418, 41.5308, 59.8386



50.6459, 70.7459, 105.5938



19.4205, 19.4881, 56.1648



10.8839, 11.9418, 13.6488



17.9093, 25.2126, 38.6669



0.8667, 1.2311, 1.8371

Inverse Universe

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



34.2526, 19.2360, 50.0534



58.0996, 29.5608, 85.9114



33.1682, 30.3285, 8.8095



11.0514, 10.8039, 13.2540



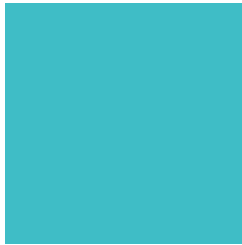
20.8391, 10.0852, 30.6924



0.9962, 0.4813, 1.5029

Previews

White Background



This preview shows how the XYZ color 30.4405, 41.5292, 59.8376 looks on a white background.

Color Contrast Check

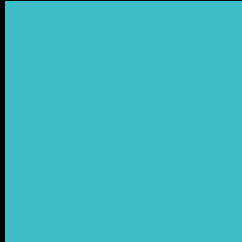
Large Text (above 18pt) WCAG AA × Fail

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 30.4405, 41.5292, 59.8376 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

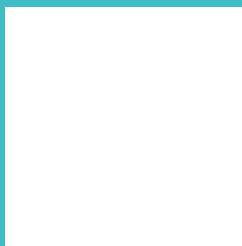
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4405, 41.5292, 59.8376

Background



This preview shows how black text looks on a background with the XYZ color 30.4405, 41.5292, 59.8376.

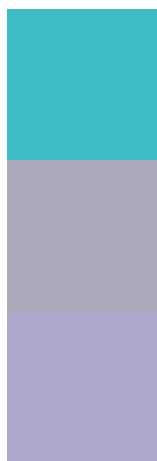


This preview shows how white text looks on a background with the XYZ color 30.4405, 41.5292,

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

30.4405, 41.5292, 59.8376

Protanopia

39.8152, 40.8407, 52.2389

Deuteranopia

41.8318, 40.8335, 62.1768



Tritanopia

31.0095, 41.4365, 62.8636

Trichromacy



Original Color

30.4405, 41.5292, 59.8376



Protanomaly

34.3765, 39.9873, 54.6217



Deuteranomaly

35.5455, 39.8635, 61.0793



Tritanomaly

30.7058, 41.3073, 61.6131

Monochromacy



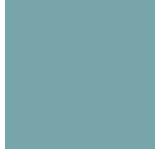
Original Color

30.4405, 41.5292, 59.8376



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.3623, 33.7679, 42.5591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4405, 41.5292, 59.8376 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(63, 189, 198)` looks like.

```
.text, #text, p{  
    color:rgb(63, 189, 198)  
}
```

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(63, 189, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 189, 198) }
```

Border

The CSS property to change the border of an element to XYZ 30.4405, 41.5292, 59.8376 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(63, 189, 198) }
```


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

```
.border{ border-color:rgb(63, 189, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 189, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 189, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 189, 198);  
box-shadow:4px 4px 4px 4px rgb(63, 189,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4405, 41.5292, 59.8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 189, 198) }
```

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

```
.background{ background-color: rgb(63, 189,  
198) }
```

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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