

Converting Colors

XYZ(30.5147, 41.9423, 61.5206)

Have a look what the booklet for
XYZ(30.5147, 41.9423, 61.5206)
contains.

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Color

**XYZ(30.4774, 41.8282,
61.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	36BEC9
RGB	54, 190, 201
RGB Percent	21%, 75%, 79%
CMY	0.7882, 0.2549, 0.2118
CMYK	0.73, 0.05, 0.00, 0.21
HSL	184°, 58%, 50%
HSV	184°, 73%, 79%
XYZ	30.4774, 41.8282, 61.7257
YIQ	150.5900, -84.5870, -25.4110

Conversions

Conversions Part 2

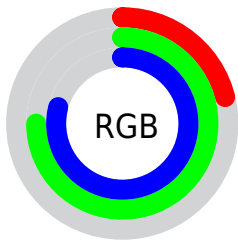
Format	Color
RYB	54, 125, 201
Decimal	3587785
CIELab	70.75, -31.70, -15.95
CIELCh	71, 35.491, 206.711
Yxy	41.8282, 0.2274, 0.3121
Android (android.graphics.Color)	4281777865 (0xFF36BEC9)
YUV	150.5900, 24.8521, -84.7094
Hunter-Lab	64.6747, -29.0642, -11.3142

Details

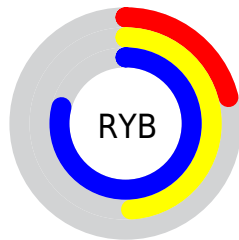
The XYZ color **30.4774, 41.8282, 61.7257** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **26.6447, 16.4658, 5.2652**, and the grayscale version is **29.1653, 30.6842, 33.4151**.

A 20% lighter version of the original color is **59.4791, 77.9525, 106.5192**, and **14.0706, 19.7149, 30.6675** is the 20% darker color. If you saturate the color by 10%, you get **29.2895, 40.7356, 61.5782**, and if you desaturate by 10%, it is **32.1168, 43.1603, 61.8972**.

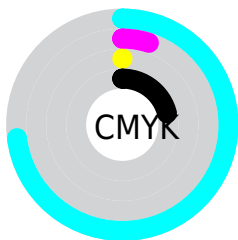
Distribution



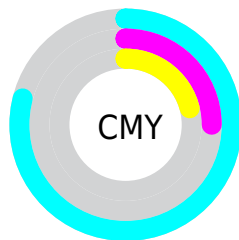
- Red (21%)
- Green (75%)
- Blue (79%)



- Red (21%)
- Yellow (49%)
- Blue (79%)



- Cyan (73%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4774, 41.8282, 61.7257 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 30.4774, 41.8282, 61.7257 by changing the saturation by 10% instead.

■ 30.4774, 41.8282,
61.7257

■ 30.4774, 41.8282,
61.7257

295.9935,
353.7703, 448.9098

■ 20.3511, 28.9668,
44.3767

■ 59.7978, 77.9395,
108.8967

■ 12.7603, 19.0557,
30.6274

■ 79.7226, 101.9583,
139.5559

■ 7.3395, 11.7105,
20.0592

■ 103.6443,
130.4649, 175.4889

■ 3.7235, 6.5469,
12.2536

■ 131.9282,
163.8438, 217.1142

■ 1.5470, 3.1804,
6.7920

■ 164.9398,
202.4794, 264.8504

■ 0.3574, 1.2266,
3.2559

203.0443,

■ 0.0000, 0.0833,

246.7561, 319.1161

1.2267

246.6070,
297.0582, 380.3297

■ 0.0000, 0.0000,
0.0006

■ 0.0000, 0.0000,
0.0000

■ 30.4774, 41.8282,
61.7257

■ 30.4774, 41.8282,
61.7257

■ 29.2895, 40.7356,
61.5782

■ 32.1168, 43.1603,
61.8972

■ 28.4901, 39.8474,
61.4489

■ 34.2528, 44.7526,
62.0920

■ 28.0935, 39.3186,
61.3677

■ 36.9293, 46.6285,
62.3130

■ 40.1841, 48.8076,
62.5620

■ 44.0519, 51.3077,
62.8408

■ 48.5644, 54.1453,
63.1506

■ 53.7514, 57.3356,
63.4930

■ 59.6405, 60.8930,
63.8693

■ 66.2580, 64.8310,
64.2806

Harmonies

Analogous

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



29.4920, 41.8282, 43.7088



30.4774, 41.8282, 61.7257



33.8612, 41.8282, 78.3748

Triad

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



30.4774, 41.8282, 61.7257



49.9897, 41.8282, 65.7562



40.4095, 41.8282, 20.2390

Complementary

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



30.4774, 41.8282, 61.7257



26.6447, 16.4658, 5.2652

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.



46.2990, 41.8282, 23.4633



30.4774, 41.8282, 61.7257



52.1627, 41.8282, 47.4294

Square

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



30.4774, 41.8282, 61.7257



45.0649, 41.8282, 81.0765



50.7502, 41.8282, 32.4703



34.8822, 41.8282, 22.2881

Rectangle

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



30.4774, 41.8282, 61.7257



37.2107, 41.8282, 84.9429



50.7502, 41.8282, 32.4703



42.4158, 41.8282, 20.7172

Sweetspot

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



30.4787, 41.8298, 61.7267



76.0121, 88.2193, 107.6295



23.3289, 42.9265, 11.8783



15.8516, 18.6158, 23.0077



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.



30.4787, 41.8298, 61.7267



49.2386, 68.7761, 105.2877



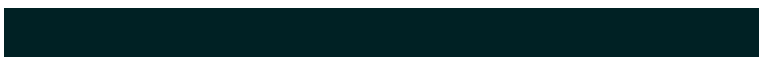
18.5086, 17.8895, 57.7367



10.8762, 11.9264, 13.6463



17.6936, 24.7810, 38.5950



0.8585, 1.2149, 1.8344

Inverse Universe

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



34.7020, 18.7748, 50.5117



57.1830, 28.4046, 83.5189



33.7430, 30.6624, 7.6313



11.0475, 10.8024, 13.2336



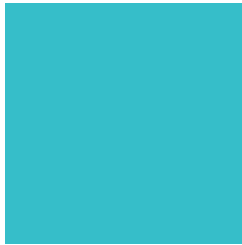
20.7302, 10.0417, 30.1189



0.9920, 0.4797, 1.4813

Previews

White Background



This preview shows how the XYZ color 30.4774, 41.8282, 61.7257 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 30.4774, 41.8282, 61.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

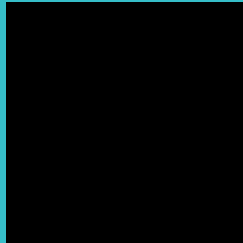
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

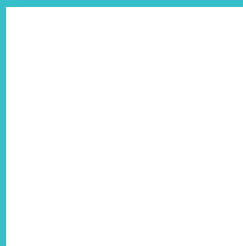
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4774, 41.8282, 61.7257

Background



This preview shows how black text looks on a background with the XYZ color 30.4774, 41.8282, 61.7257.



This preview shows how white text looks on a background with the XYZ color 30.4774, 41.8282,

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

30.4774, 41.8282, 61.7257

Protanopia

40.3258, 41.3460, 53.9993

Deuteranopia

42.1565, 41.2322, 64.1292



Tritanopia

30.9044, 41.6728, 64.1724

Trichromacy



Original Color

30.4774, 41.8282, 61.7257



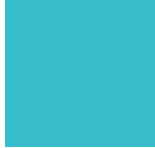
Protanomaly

34.4481, 40.2802, 56.4113



Deuteranomaly

35.4777, 40.0774, 62.9926



Tritanomaly

30.7276, 41.5956, 63.5360

Monochromacy



Original Color

30.4774, 41.8282, 61.7257



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.8190, 33.4878, 42.5337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4774, 41.8282, 61.7257 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(54, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(54, 190, 201)  
}
```

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(54, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 190, 201) }
```

Border

The CSS property to change the border of an element to XYZ 30.4774, 41.8282, 61.7257 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(54, 190, 201) }
```


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

```
.border{ border-color:rgb(54, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(54, 190,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4774, 41.8282, 61.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 190, 201) }
```

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

```
.background{ background-color: rgb(54, 190,  
201) }
```

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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