

Converting Colors

XYZ(30.4821, 39.1094, 68.2416)

Have a look what the booklet for
XYZ(30.4821, 39.1094, 68.2416)
contains.

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Color

**XYZ(30.5361, 39.2015,
68.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	3DB6D4
RGB	61, 182, 212
RGB Percent	24%, 71%, 83%
CMY	0.7607, 0.2863, 0.1686
CMYK	0.71, 0.14, 0.00, 0.17
HSL	192°, 64%, 54%
HSV	192°, 71%, 83%
XYZ	30.5361, 39.2015, 68.2446
YIQ	149.2410, -81.7460, -16.3220

Conversions

Conversions Part 2

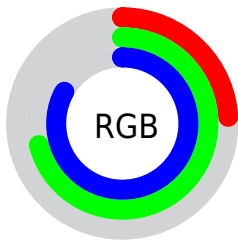
Format	Color
R _Y B	61, 128, 212
Decimal	4044500
CIE Lab	68.90, -23.49, -24.78
CIE LCh	69, 34.146, 226.540
Yxy	39.2015, 0.2213, 0.2841
Android (android.graphics.Color)	4282234580 (0xFF3DB6D4)
YUV	149.2410, 30.9402, -77.3874
Hunter-Lab	62.6111, -22.5131, -20.7969

Details

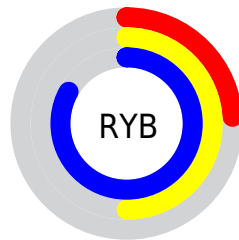
The XYZ color **30.5361, 39.2015, 68.2446** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **31.7361, 21.8179, 6.9549**, and the grayscale version is **28.5686, 30.0564, 32.7315**.

A 20% lighter version of the original color is **57.3769, 72.8811, 105.6511**, and **13.9361, 18.1348, 34.6642** is the 20% darker color. If you saturate the color by 10%, you get **28.6303, 36.9584, 67.9128**, and if you desaturate by 10%, it is **32.9859, 41.7651, 68.6111**.

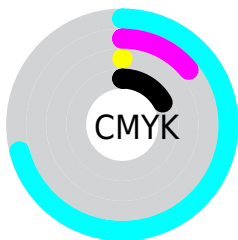
Distribution



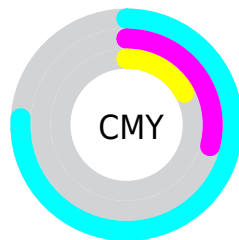
- Red (24%)
- Green (71%)
- Blue (83%)



- Red (24%)
- Yellow (50%)
- Blue (83%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (76%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5361, 39.2015, 68.2446 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 30.5361, 39.2015, 68.2446 by changing the saturation by 10% instead.

■ 30.5361, 39.2015,
68.2446

■ 30.5361, 39.2015,
68.2446

■ 296.2606,
342.7464, 472.9837

■ 20.3959, 26.9165,
49.6288

■ 59.8898, 73.9460,
118.3595

■ 12.7931, 17.5105,
34.7494

■ 79.8340, 97.1744,
150.6957

■ 7.3623, 10.5992,
23.1879

■ 103.7770,
124.8193, 188.4425

■ 3.7380, 5.7980,
14.5257

■ 132.0841,
157.2652, 232.0184

■ 1.5550, 2.7226,
8.3443

■ 165.1207,
194.8965, 281.8419

■ 0.3628, 0.9887,
4.2251

203.2520,

■ 0.0000, 0.0000,

238.0975, 338.3316

1.7496

246.8435,
287.2527, 401.9060

■ 0.0000, 0.0000,
0.3944

■ 0.0000, 0.0000,
0.0000

■ 30.5361, 39.2015,
68.2446

■ 30.5361, 39.2015,
68.2446

■ 28.6303, 36.9584,
67.9128

■ 32.9859, 41.7651,
68.6111

■ 27.1996, 34.9976,
67.6098

■ 36.0305, 44.6734,
69.0119

■ 26.2363, 33.4585,
67.3635

■ 39.7187, 47.9527,
69.4505

■ 44.0932, 51.6253,
69.9288

■ 49.1931, 55.7116,
70.4488

■ 55.0542, 60.2304,
71.0121

■ 61.7100, 65.1995,
71.6204

■ 69.1920, 70.6351,
72.2753

■ 77.5300, 76.5531,
72.9781

Harmonies

Analogous

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



28.1290, 39.2015, 51.7650



30.5361, 39.2015, 68.2446



34.8844, 39.2015, 78.8237

Triad

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



30.5361, 39.2015, 68.2446



48.3519, 39.2015, 50.0211



34.3687, 39.2015, 19.9747

Complementary

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



30.5361, 39.2015, 68.2446



31.7361, 21.8179, 6.9549

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.



39.7407, 39.2015, 19.7253



30.5361, 39.2015, 68.2446



48.1795, 39.2015, 34.7321

Square

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



30.5361, 39.2015, 68.2446



45.3550, 39.2015, 66.7039



44.9045, 39.2015, 24.4656



30.1902, 39.2015, 25.2575

Rectangle

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



30.5361, 39.2015, 68.2446



38.4605, 39.2015, 79.7699



44.9045, 39.2015, 24.4656



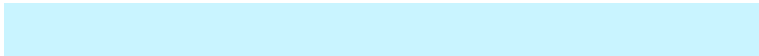
36.0844, 39.2015, 19.3534

Sweetspot

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



30.5374, 39.2029, 68.2456



74.7179, 84.6187, 107.0027



27.2591, 48.7961, 17.3653



15.5057, 17.7273, 22.8544



0.0000, 0.0000, 0.0000



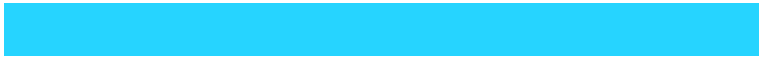
20.3446, 21.4041, 23.3091

Same Dimension

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



30.5374, 39.2029, 68.2456



42.3862, 54.6922, 102.9304



19.2587, 16.6457, 64.4860



12.5729, 13.6691, 15.9133



16.2687, 20.7992, 41.6103



1.0358, 1.3637, 2.5279

Inverse Universe

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



37.2648, 20.7133, 46.2914



53.8168, 27.4125, 64.7002



41.3033, 40.9522, 10.1439



12.8424, 12.5884, 15.1100



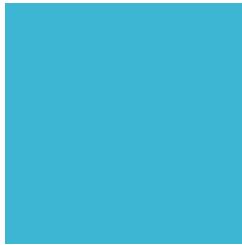
21.2705, 10.4445, 24.5265



1.3105, 0.6410, 1.6244

Previews

White Background



This preview shows how the XYZ color 30.5361, 39.2015, 68.2446 looks on a white background.

Color Contrast Check

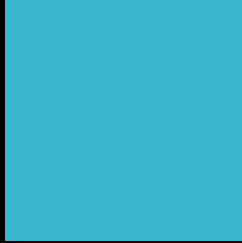
Large Text (above 18pt) WCAG AA × Fail

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 30.5361, 39.2015, 68.2446 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 30.5361, 39.2015, 68.2446

Background



This preview shows how black text looks on a background with the XYZ color 30.5361, 39.2015, 68.2446.

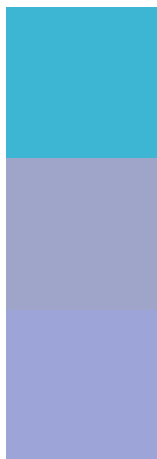


This preview shows how white text looks on a background with the XYZ color 30.5361, 39.2015,

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

30.5361, 39.2015, 68.2446

Protanopia

38.1785, 38.4513, 60.0532

Deuteranopia

39.5748, 38.6769, 70.3453



Tritanopia

28.8655, 39.1346, 60.0652

Trichromacy



Original Color

30.5361, 39.2015, 68.2446

Protanomaly

33.6304, 37.6964, 62.6304

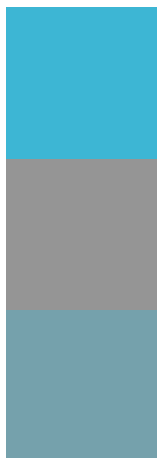
Deuteranomaly

34.8547, 38.1697, 69.8204

Tritanomaly

29.4081, 39.0388, 63.1120

Monochromacy



Original Color

30.5361, 39.2015, 68.2446

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5274, 32.2502, 43.8038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5361, 39.2015, 68.2446 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(61, 182, 212)` looks like.

```
.text, #text, p{  
    color:rgb(61, 182, 212)  
}
```

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(61, 182, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 182, 212) }
```

Border

The CSS property to change the border of an element to XYZ 30.5361, 39.2015, 68.2446 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(61, 182, 212) }
```


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

```
.border{ border-color:rgb(61, 182, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 182, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 182, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 182, 212);  
box-shadow:4px 4px 4px 4px rgb(61, 182,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5361, 39.2015, 68.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 182, 212) }
```

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

```
.background{ background-color: rgb(61, 182,  
212) }
```

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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