

Converting Colors

XYZ(30.5156, 38.0267, 80.2279)

Have a look what the booklet for
XYZ(30.5156, 38.0267, 80.2279)
contains.

XYZ(30.5841, 38.0467, 80.5947)	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(30.5841, 38.0467,
80.5947)**

Conversions

Conversions Part 1

Format	Color
Hex	0EB3E6
RGB	14, 179, 230
RGB Percent	5%, 70%, 90%
CMY	0.9449, 0.2980, 0.0980
CMYK	0.94, 0.22, 0.00, 0.10
HSL	194°, 88%, 48%
HSV	194°, 94%, 90%
XYZ	30.5841, 38.0467, 80.5947
YIQ	135.4790, -114.7110, -19.1190

Conversions

Conversions Part 2

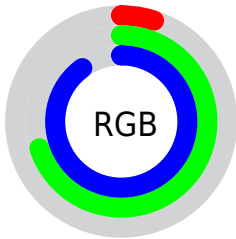
Format	Color
R _Y B	14, 108, 230
Decimal	963558
CIE Lab	68.06, -19.68, -35.99
CIE LCh	68, 41.022, 241.334
Yxy	38.0467, 0.2050, 0.2550
Android (android.graphics.Color)	4279153638 (0xFF0EB3E6)
YUV	135.4790, 46.5989, -106.5371
Hunter-Lab	61.6820, -19.4370, -34.2919

Details

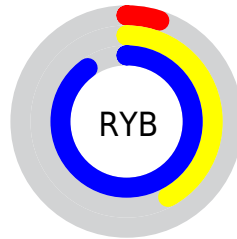
The XYZ color **30.5841, 38.0467, 80.5947** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **34.6060, 20.6409, 2.5773**, and the grayscale version is **23.0754, 24.2771, 26.4378**.

A 20% lighter version of the original color is **54.1887, 69.9517, 105.2537**, and **15.1008, 17.9777, 42.7185** is the 20% darker color. If you saturate the color by 10%, you get **29.7467, 36.6404, 80.3682**, and if you desaturate by 10%, it is **32.2785, 40.5689, 80.9930**.

Distribution



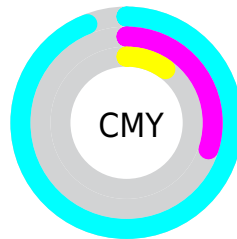
- Red (5%)
- Green (70%)
- Blue (90%)



- Red (5%)
- Yellow (42%)
- Blue (90%)



- Cyan (94%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (94%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5841, 38.0467, 80.5947 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 30.5841, 38.0467, 80.5947 by changing the saturation by 10% instead.

■ 30.5841, 38.0467,
80.5947

■ 30.5841, 38.0467,
80.5947

296.4789,
337.8203, 516.6943

■ 20.4326, 26.0189,
59.6788

■ 59.9650, 72.1797,
136.0205

■ 12.8200, 16.8378,
42.7362

■ 79.9251, 95.0537,
171.3674

■ 7.3809, 10.1189,
29.3483

■ 103.8855,
122.3120, 212.3618

■ 3.7498, 5.4779,
19.0966

■ 132.2115,
154.3389, 259.4222

■ 1.5616, 2.5303,
11.5626

■ 165.2685,
191.5187, 312.9671

■ 0.3672, 0.8918,
6.3277

203.4218,

■ 0.0000, 0.0000,

234.2360, 373.4150

2.9733

247.0368,
282.8750, 441.1846

■ 0.0000, 0.0000,
1.0810

■ 0.0000, 0.0000,
0.0000

■ 30.5841, 38.0467,
80.5947

■ 30.5841, 38.0467,
80.5947

■ 29.7467, 36.6404,
80.3682

■ 32.2785, 40.5689,
80.9930

■ 34.5337, 43.4440,
81.4291

■ 37.4363, 46.7178,
81.9080

■ 41.0561, 50.4272,
82.4332

■ 45.4535, 54.6039,
83.0076

■ 50.6826, 59.2764,
83.6339

■ 56.7920, 64.4706,
84.3145

■ 63.8268, 70.2102,
85.0516

■ 71.8289, 76.5175,
85.8472

Harmonies

Analogous

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



26.6523, 38.0467, 62.5455



30.5841, 38.0467, 80.5947



36.4490, 38.0467, 87.4871

Triad

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



30.5841, 38.0467, 80.5947



49.8849, 38.0467, 40.6127



30.1432, 38.0467, 18.0578

Complementary

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



30.5841, 38.0467, 80.5947



34.6060, 20.6409, 2.5773

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.



35.8770, 38.0467, 15.2707



30.5841, 38.0467, 80.5947



47.7016, 38.0467, 25.6931

Square

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



30.5841, 38.0467, 80.5947



48.0464, 38.0467, 60.6969



42.3805, 38.0467, 17.5910



26.4196, 38.0467, 26.7387

Rectangle

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



30.5841, 38.0467, 80.5947



40.8177, 38.0467, 83.5940



42.3805, 38.0467, 17.5910



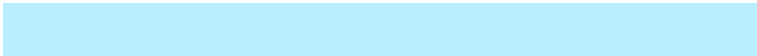
31.8750, 38.0467, 16.5386

Sweetspot

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



30.5854, 38.0480, 80.5957



68.3363, 78.5907, 106.1756



29.4168, 57.0631, 14.3797



13.9250, 16.2210, 22.6470



0.0000, 0.0000, 0.0000



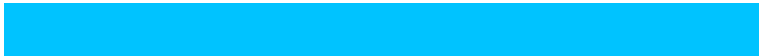
20.3446, 21.4041, 23.3091

Same Dimension

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



30.5854, 38.0480, 80.5957



37.5158, 46.1517, 101.5386



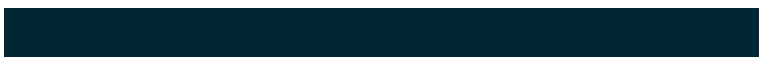
16.7588, 10.3947, 75.9868



14.5039, 15.7291, 18.4159



16.9392, 20.9404, 45.5323



1.3216, 1.6872, 3.3880

Inverse Universe

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



40.9280, 20.3933, 44.4281



51.0655, 25.1902, 53.6702



47.5444, 46.5177, 6.8901



14.8419, 14.5540, 17.3679



22.9436, 11.3117, 24.3958



1.7307, 0.8500, 1.9885

Previews

White Background



This preview shows how the XYZ color 30.5841, 38.0467, 80.5947 looks on a white background.

Color Contrast Check

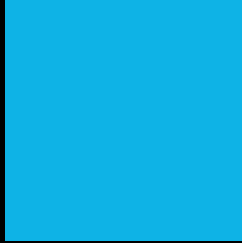
Large Text (above 18pt) WCAG AA × Fail

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 30.5841, 38.0467, 80.5947 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

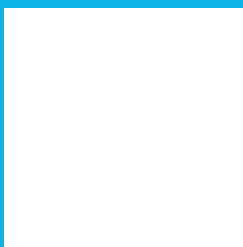
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5841, 38.0467, 80.5947

Background



This preview shows how black text looks on a background with the XYZ color 30.5841, 38.0467, 80.5947.

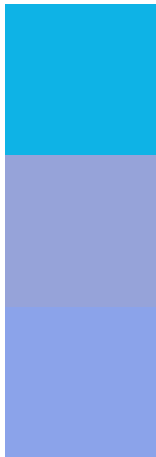


This preview shows how white text looks on a background with the XYZ color 30.5841, 38.0467,

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

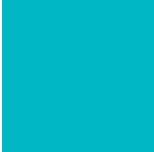
30.5841, 38.0467, 80.5947

Protanopia

38.1993, 37.6882, 70.9069

Deuteranopia

38.5959, 37.6239, 83.0698



Tritanopia

27.0115, 37.8982, 58.7147

Trichromacy



Original Color

30.5841, 38.0467, 80.5947



Protanomaly

32.7396, 36.4166, 74.4108



Deuteranomaly

33.5120, 36.6388, 82.3965



Tritanomaly

28.2992, 38.0916, 66.1825

Monochromacy



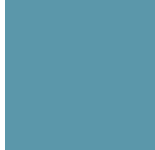
Original Color

30.5841, 38.0467, 80.5947



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

22.6367, 27.2596, 42.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5841, 38.0467, 80.5947 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(14, 179, 230)` looks like.

```
.text, #text, p{  
    color:rgb(14, 179, 230)  
}
```

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(14, 179, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 179, 230) }
```

Border

The CSS property to change the border of an element to XYZ 30.5841, 38.0467, 80.5947 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(14, 179, 230) }
```


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

```
.border{ border-color:rgb(14, 179, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 179, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(14, 179,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5841, 38.0467, 80.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 179, 230) }
```

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

```
.background{ background-color: rgb(14, 179,  
230) }
```

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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