

Converting Colors

XYZ(36.2992, 41.6098, 57.8826)

Have a look what the booklet for
XYZ(36.2992, 41.6098, 57.8826)
contains.

XYZ(36.1238, 41.4146, 57.7196)	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(36.1238, 41.4146,
57.7196)**

Conversions

Conversions Part 1

Format	Color
Hex	88B3C3
RGB	136, 179, 195
RGB Percent	53%, 70%, 76%
CMY	0.4667, 0.2980, 0.2353
CMYK	0.30, 0.08, 0.00, 0.24
HSL	196°, 33%, 65%
HSV	196°, 30%, 76%
XYZ	36.1238, 41.4146, 57.7196
YIQ	167.9670, -30.7640, -4.1400

Conversions

Conversions Part 2

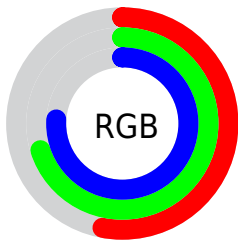
Format	Color
RYB	136, 161, 195
Decimal	8958915
CIELab	70.47, -10.52, -12.79
CIElCh	70, 16.556, 230.558
Yxy	41.4146, 0.2671, 0.3062
Android (android.graphics.Color)	4287148995 (0xFF88B3C3)
YUV	167.9670, 13.3273, -28.0351
Hunter-Lab	64.3542, -12.4228, -8.1296

Details

The XYZ color **36.1238, 41.4146, 57.7196** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1784, 35.8365, 28.1986**, and the grayscale version is **37.1518, 39.0866, 42.5653**.

A 20% lighter version of the original color is **68.7649, 77.5213, 103.4343**, and **15.9247, 18.7296, 27.9752** is the 20% darker color. If you saturate the color by 10%, you get **32.2012, 37.8502, 57.2390**, and if you desaturate by 10%, it is **40.6658, 45.3606, 58.2426**.

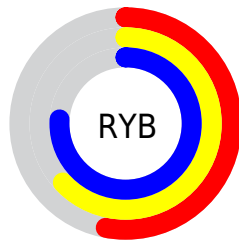
Distribution



Red (53%)

Green (70%)

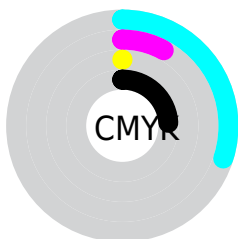
Blue (76%)



Red (53%)

Yellow (63%)

Blue (76%)

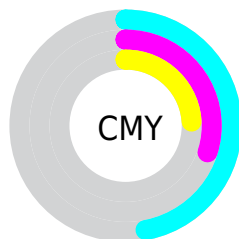


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1238, 41.4146, 57.7196 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 36.1238, 41.4146, 57.7196 by changing the saturation by 10% instead.

■ 36.1238, 41.4146,
57.7196

■ 36.1238, 41.4146,
57.7196

320.9231,
352.0505, 433.7093

■ 24.7004, 28.6432,
41.1701

■ 68.5457, 77.3129,
103.0252

■ 15.9815, 18.8111,
28.1313

■ 90.2749, 101.2085,
132.6183

■ 9.6018, 11.5338,
18.1847

■ 116.1701,
129.5810, 167.3963

■ 5.1960, 6.4271,
10.9119

146.5966,
162.8148, 207.7778

■ 2.3987, 3.1065,
5.8942

181.9199,
201.2943, 254.1813

■ 0.8444, 1.1876,
2.7131

222.5051,

■ 0.0000, 0.0515,

245.4037, 307.0254

0.9500

268.7177,
295.5277, 366.7285

■ 0.0000, 0.0000,
0.0000

■ 36.1238, 41.4146,
57.7196

■ 36.1238, 41.4146,
57.7196

■ 32.2012, 37.8502,
57.2390

■ 40.6658, 45.3606,
58.2426

■ 28.8624, 34.6454,
56.7964

■ 45.8526, 49.6991,
58.8066

■ 26.0739, 31.7834,
56.3910

■ 51.7131, 54.4464,
59.4141

■ 23.7974, 29.2435,
56.0207

■ 58.2729, 59.6166,
60.0663

■ 21.9887, 27.0024,
55.6835

■ 65.5563, 65.2227,
60.7645

■ 20.5961, 25.0327,
55.3767

■ 73.5867, 71.2773,
61.5099

■ 19.5422, 23.3236,
55.1023

■ 75.6505, 74.3203,
61.9884

■ 77.0272, 77.0737,
62.4473

■ 78.4479, 79.9151,
62.9209

Harmonies

Analogous

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



34.6530, 41.4146, 50.5777



36.1238, 41.4146, 57.7196



38.5090, 41.4146, 61.5968

Triad

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



36.1238, 41.4146, 57.7196



44.7683, 41.4146, 47.6032



37.5498, 41.4146, 32.4384

Complementary

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



36.1238, 41.4146, 57.7196



38.1784, 35.8365, 28.1986

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.



40.2302, 41.4146, 31.8374



36.1238, 41.4146, 57.7196



44.4823, 41.4146, 40.0207

Square

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



36.1238, 41.4146, 57.7196



43.5552, 41.4146, 55.3273



42.7910, 41.4146, 34.4576



35.4494, 41.4146, 36.2064

Rectangle

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



36.1238, 41.4146, 57.7196



40.3324, 41.4146, 61.5342



42.7910, 41.4146, 34.4576



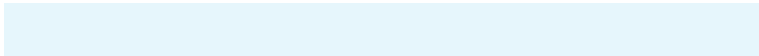
38.4099, 41.4146, 31.8777

Sweetspot

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



36.1251, 41.4163, 57.7206



83.2323, 89.9227, 105.4398



35.3150, 46.5235, 36.7111



17.9045, 19.4272, 23.0561



0.0000, 0.0000, 0.0000



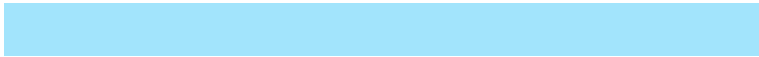
20.3446, 21.4041, 23.3091

Same Dimension

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



36.1251, 41.4163, 57.7206



60.1451, 70.0737, 102.8254



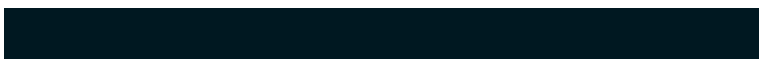
30.8738, 30.9137, 55.9701



10.1301, 10.9515, 12.8648



12.7739, 15.3042, 35.8374



0.6066, 0.7706, 1.5666

Inverse Universe

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



39.4476, 32.4662, 46.8372



67.1292, 52.0590, 79.7686



43.5218, 46.5232, 29.9797



10.3770, 10.1994, 12.0757



17.8436, 8.8272, 17.6204



0.7986, 0.3924, 0.9066

Previews

White Background



This preview shows how the XYZ color 36.1238, 41.4146, 57.7196 looks on a white background.

Color Contrast Check

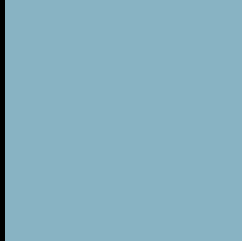
Large Text (above 18pt) WCAG AA × Fail

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 36.1238, 41.4146, 57.7196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

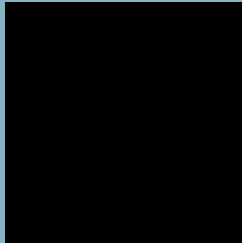
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1238, 41.4146, 57.7196

Background



This preview shows how black text looks on a background with the XYZ color 36.1238, 41.4146, 57.7196.



This preview shows how white text looks on a background with the XYZ color 36.1238, 41.4146,

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

36.1238, 41.4146, 57.7196

Protanopia

40.4347, 41.3896, 54.5730

Deuteranopia

41.9852, 41.2666, 58.5757



Tritanopia

36.0110, 41.3695, 57.1261

Trichromacy



Original Color

36.1238, 41.4146, 57.7196

Protanomaly

38.7510, 41.3470, 55.8075

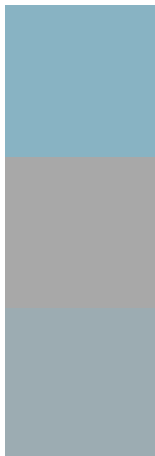
Deuteranomaly

39.4143, 41.0676, 58.0740

Tritanomaly

36.0110, 41.3695, 57.1261

Monochromacy



Original Color

36.1238, 41.4146, 57.7196

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4987, 39.7873, 47.8755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1238, 41.4146, 57.7196 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(136, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(136, 179, 195)  
}
```

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(136, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 36.1238, 41.4146, 57.7196 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(136, 179, 195) }
```


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

```
.border{ border-color:rgb(136, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(136, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1238, 41.4146, 57.7196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 179, 195) }
```

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

```
.background{ background-color: rgb(136,  
179, 195) }
```

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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