

Converting Colors

XYZ(8.5977, 10.6589, 15.1635)

Have a look what the booklet for
XYZ(8.5977, 10.6589, 15.1635)
contains.

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Color

**XYZ(8.6001, 10.6167,
15.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	38626A
RGB	56, 98, 106
RGB Percent	22%, 38%, 42%
CMY	0.7804, 0.6157, 0.5843
CMYK	0.47, 0.08, 0.00, 0.58
HSL	190°, 31%, 32%
HSV	190°, 47%, 42%
XYZ	8.6001, 10.6167, 15.2316
YIQ	86.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

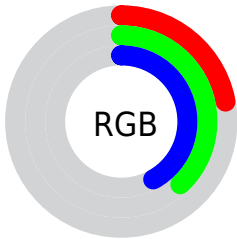
Format	Color
RYB	56, 79, 106
Decimal	3695210
CIELab	38.93, -12.29, -9.12
CIELCh	39, 15.301, 216.590
Yxy	10.6167, 0.2497, 0.3082
Android (android.graphics.Color)	4281885290 (0xFF38626A)
YUV	86.3540, 9.6855, -26.6205
Hunter-Lab	32.5833, -9.9071, -4.9078

Details

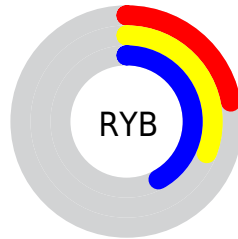
The XYZ color **8.6001, 10.6167, 15.2316** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.4913, 7.0168, 4.6486**, and the grayscale version is **8.9052, 9.3690, 10.2028**.

A 20% lighter version of the original color is **22.7771, 26.9934, 35.9081**, and **1.9983, 2.6963, 4.5528** is the 20% darker color. If you saturate the color by 10%, you get **7.9124, 10.0293, 15.1547**, and if you desaturate by 10%, it is **9.4174, 11.2763, 15.3160**.

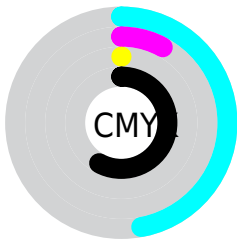
Distribution



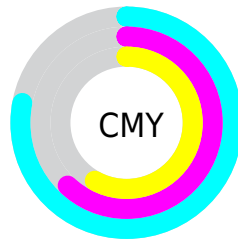
- Red (22%)
- Green (38%)
- Blue (42%)



- Red (22%)
- Yellow (31%)
- Blue (42%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6001, 10.6167, 15.2316 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 8.6001, 10.6167, 15.2316 by changing the saturation by 10% instead.

8.6001, 10.6167,
15.2316

8.6001, 10.6167,
15.2316

174.6370,
195.0187, 236.4527

4.5363, 5.8097,
8.8337

22.8011, 26.9492,
36.0070

2.0098, 2.7297,
4.5375

33.6690, 39.2435,
51.2215

0.6394, 0.9923,
1.9246

47.5356, 54.8023,
70.2120

0.0000, 0.0000,
0.5083

64.7662, 74.0101,
93.3970

0.0000, 0.0000,
0.0000

85.7264, 97.2512,
121.1950

110.7813,

124.9101, 154.0246

140.2964,
157.3711, 192.3043

■ 8.6001, 10.6167,
15.2316

■ 8.6001, 10.6167,
15.2316

■ 7.9124, 10.0293,
15.1547

■ 9.4174, 11.2763,
15.3160

■ 7.3452, 9.5088,
15.0841

■ 10.3705, 12.0108,
15.4076

■ 6.8899, 9.0509,
15.0197

■ 11.4666, 12.8240,
15.5068

■ 6.5363, 8.6503,
14.9610

■ 12.7119, 13.7192,
15.6139

■ 6.2551, 8.2920,
14.9067

■ 14.1124, 14.6995,
15.7293

6.1774, 8.1923,
14.8915

15.6736, 15.7679,
15.8532

17.4009, 16.9270,
15.9859

19.2993, 18.1795,
16.1276

21.3737, 19.5280,
16.2786

Harmonies

Analogous

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



8.2695, 10.6167, 12.2148



8.6001, 10.6167, 15.2316



9.3333, 10.6167, 17.5016

Triad

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



8.6001, 10.6167, 15.2316



11.9948, 10.6167, 13.9319



9.8680, 10.6167, 6.8393

Complementary

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



8.6001, 10.6167, 15.2316



8.4913, 7.0168, 4.6486

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.



10.8883, 10.6167, 7.1427



8.6001, 10.6167, 15.2316



12.1618, 10.6167, 10.9286

Square

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



8.6001, 10.6167, 15.2316



11.3025, 10.6167, 16.6675



11.7446, 10.6167, 8.5313



8.9690, 10.6167, 7.6193

Rectangle

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



8.6001, 10.6167, 15.2316



9.9749, 10.6167, 18.1034



11.7446, 10.6167, 8.5313



10.2077, 10.6167, 6.8202

Sweetspot

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



8.6004, 10.6171, 15.2318



20.7049, 22.9284, 27.2654



7.6965, 11.5136, 6.5933



4.7710, 5.3136, 6.3800



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



8.6004, 10.6171, 15.2318



13.7336, 17.4659, 26.5785



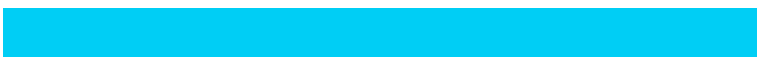
6.6483, 6.7128, 14.5811



3.1426, 3.4136, 3.9281



7.6463, 10.1269, 18.4739



38.4344, 50.5473, 93.9571

Inverse Universe

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



9.5629, 6.7747, 12.3593



15.7173, 10.0117, 20.5539



10.1888, 10.4118, 5.2144



3.1978, 3.1560, 3.7719



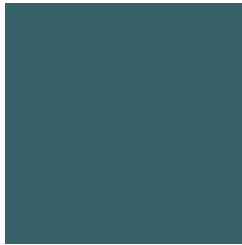
9.6064, 4.6947, 12.0876



48.6827, 23.8150, 60.1911

Previews

White Background



This preview shows how the XYZ color 8.6001, 10.6167, 15.2316 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 8.6001, 10.6167, 15.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.6001, 10.6167, 15.2316

Background



This preview shows how black text looks on a background with the XYZ color 8.6001, 10.6167, 15.2316.



This preview shows how white text looks on a background with the XYZ color 8.6001, 10.6167, 15.2316.

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

8.6001, 10.6167, 15.2316

Protanopia

10.3065, 10.5954, 13.8138

Deuteranopia

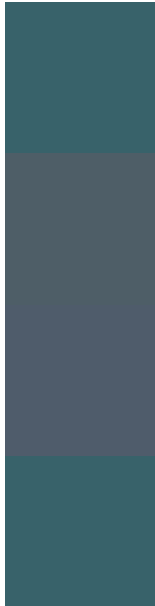
10.6928, 10.5028, 15.6510



Tritanopia

8.6001, 10.6167, 15.2316

Trichromacy



Original Color

8.6001, 10.6167, 15.2316

Protanomaly

9.5928, 10.6044, 14.3732

Deuteranomaly

9.7054, 10.3781, 15.4016

Tritanomaly

8.6001, 10.6167, 15.2316

Monochromacy



Original Color

8.6001, 10.6167, 15.2316

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.5336, 9.5985, 11.7589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6001, 10.6167, 15.2316 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(56, 98, 106) looks like.

```
.text, #text, p{  
    color:rgb(56, 98, 106)  
}
```

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(56, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 98, 106) }
```

Border

The CSS property to change the border of an element to XYZ 8.6001, 10.6167, 15.2316 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(56, 98, 106) }
```


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

```
.border{ border-color:rgb(56, 98, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 98, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 98, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 98, 106);  
box-shadow:4px 4px 4px 4px rgb(56, 98,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6001, 10.6167, 15.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 98, 106) }
```

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

```
.background{ background-color: rgb(56, 98,  
106) }
```

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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