

Converting Colors

XYZ(11.4935, 12.6862, 16.0473)

Have a look what the booklet for
XYZ(11.4935, 12.6862, 16.0473)
contains.

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Color

**XYZ(11.4826, 12.6602,
16.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	58666C
RGB	88, 102, 108
RGB Percent	35%, 40%, 42%
CMY	0.6549, 0.6000, 0.5765
CMYK	0.19, 0.06, 0.00, 0.58
HSL	198°, 10%, 38%
HSV	198°, 19%, 42%
XYZ	11.4826, 12.6602, 16.0258
YIQ	98.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

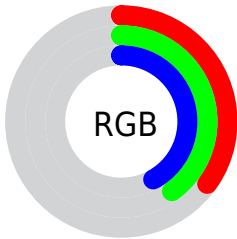
Format	Color
R_{YB}	88, 96, 108
Decimal	5793388
CIE Lab	42.25, -3.89, -5.17
CIE LCh	42, 6.470, 233.056
Yxy	12.6602, 0.2859, 0.3152
Android (android.graphics.Color)	4283983468 (0xFF58666C)
YUV	98.4980, 4.6845, -9.2067
Hunter-Lab	35.5812, -4.6623, -1.7975

Details

The XYZ color **11.4826, 12.6602, 16.0258** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9484, 11.8979, 10.8993**, and the grayscale version is **11.7245, 12.3351, 13.4329**.

A 20% lighter version of the original color is **28.1305, 30.6889, 37.2418**, and **3.1633, 3.5615, 4.9356** is the 20% darker color. If you saturate the color by 10%, you get **10.2231, 11.5479, 15.8777**, and if you desaturate by 10%, it is **12.9068, 13.8766, 16.1857**.

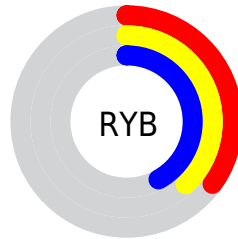
Distribution



Red (35%)

Green (40%)

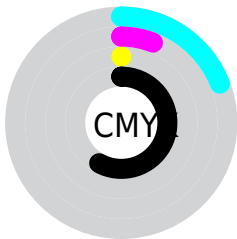
Blue (42%)



Red (35%)

Yellow (38%)

Blue (42%)

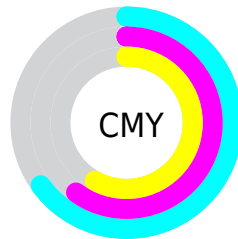


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4826, 12.6602, 16.0258 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 11.4826, 12.6602, 16.0258 by changing the saturation by 10% instead.

■ 11.4826, 12.6602,
16.0258

■ 11.4826, 12.6602,
16.0258

■ 194.7899,
208.7283, 241.3448

■ 6.4621, 7.1950,
9.3879

■ 28.1743, 30.6920,
37.4104

■ 3.1714, 3.5843,
4.8948

■ 40.5762, 44.0273,
52.9941

■ 1.2450, 1.4439,
2.1280

■ 56.1693, 60.7548,
72.3969

■ 0.1415, 0.2487,
0.6324

■ 75.3189, 81.2588,
96.0372

■ 0.0000, 0.0000,
0.0000

■ 98.3904, 105.9238,
124.3336

125.7492,

135.1341, 157.7047

157.7606,
169.2741, 196.5689

■ 11.4826, 12.6602,
16.0258

■ 11.4826, 12.6602,
16.0258

■ 10.2231, 11.5479,
15.8777

■ 12.9068, 13.8766,
16.1857

■ 9.1203, 10.5343,
15.7402

■ 14.5010, 15.1989,
16.3569

■ 8.1674, 9.6160,
15.6131

■ 16.2714, 16.6310,
16.5400

■ 7.3565, 8.7887,
15.4962

■ 18.2239, 18.1759,
16.7353

■ 6.6790, 8.0479,
15.3889

■ 20.3639, 19.8368,
16.9431

6.1252, 7.3881,
15.2908

22.6965, 21.6165,
17.1637

5.6840, 6.8036,
15.2012

25.2268, 23.5178,
17.3973

5.3176, 6.2746,
15.1184

27.9597, 25.5432,
17.6442

5.2646, 6.1984,
15.1065

30.8996, 27.6955,
17.9047

Harmonies

Analogous

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



11.1973, 12.6602, 14.8548



11.4826, 12.6602, 16.0258



11.9210, 12.6602, 16.6024

Triad

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



11.4826, 12.6602, 16.0258



12.9805, 12.6602, 14.1094



11.6725, 12.6602, 11.4757

Complementary

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



11.4826, 12.6602, 16.0258



11.9484, 11.8979, 10.8993

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.



12.1460, 12.6602, 11.3055



11.4826, 12.6602, 16.0258



12.9096, 12.6602, 12.7674

Square

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



11.4826, 12.6602, 16.0258



12.7921, 12.6602, 15.4490



12.6010, 12.6602, 11.7631



11.3048, 12.6602, 12.2446

Rectangle

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



11.4826, 12.6602, 16.0258



12.2445, 12.6602, 16.5466



12.6010, 12.6602, 11.7631



11.8242, 12.6602, 11.3488

Sweetspot

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



11.4830, 12.6607, 16.0261



23.2913, 24.8916, 28.4847



11.3926, 13.6022, 12.5365



5.6081, 6.0003, 6.8914



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.4830, 12.6607, 16.0261



19.2233, 21.4089, 28.0269



10.5874, 10.8697, 15.7276



3.1090, 3.3463, 3.9169



6.2551, 7.3446, 18.0102



31.0870, 35.8526, 91.5080

Inverse Universe

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



12.0726, 11.1270, 14.0825



20.4648, 18.2576, 23.9171



12.8628, 13.7265, 11.2041



3.1808, 3.1492, 3.6824



8.9042, 4.4138, 8.3898



44.9741, 22.3316, 40.6618

Previews

White Background



This preview shows how the XYZ color 11.4826, 12.6602, 16.0258 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 11.4826, 12.6602, 16.0258 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

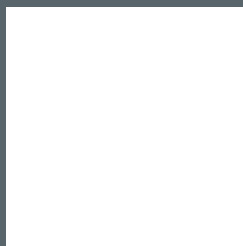
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4826, 12.6602, 16.0258

Background



This preview shows how black text looks on a background with the XYZ color 11.4826, 12.6602, 16.0258.



This preview shows how white text looks on a background with the XYZ color 11.4826, 12.6602,

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

11.4826, 12.6602, 16.0258

Protanopia

12.2089, 12.6169, 15.4275

Deuteranopia

12.8607, 12.6568, 16.2332



Tritanopia

11.5903, 12.7032, 16.5929

Trichromacy



Original Color

11.4826, 12.6602, 16.0258

Protanomaly

11.9303, 12.6088, 15.7149

Deuteranomaly

12.3677, 12.6805, 16.2637

Tritanomaly

11.5362, 12.6816, 16.3078

Monochromacy



Original Color

11.4826, 12.6602, 16.0258

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4762, 12.2627, 14.3324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4826, 12.6602, 16.0258 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(88, 102, 108) looks like.

```
.text, #text, p{  
    color:rgb(88, 102, 108)  
}
```

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(88, 102, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 102, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.4826, 12.6602, 16.0258 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(88, 102, 108) }
```


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

```
.border{ border-color:rgb(88, 102, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 102, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 102, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 102, 108);  
box-shadow:4px 4px 4px 4px rgb(88, 102,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4826, 12.6602, 16.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 102, 108) }
```

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

```
.background{ background-color: rgb(88, 102,  
108) }
```

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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