

Converting Colors

XYZ(14.5204, 16.3017, 20.9238)

Have a look what the booklet for
XYZ(14.5204, 16.3017, 20.9238)
contains.

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Color

**XYZ(14.4776, 16.3288,
20.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	5F747A
RGB	95, 116, 122
RGB Percent	37%, 45%, 48%
CMY	0.6274, 0.5451, 0.5216
CMYK	0.22, 0.05, 0.00, 0.52
HSL	193°, 12%, 43%
HSV	193°, 22%, 48%
XYZ	14.4776, 16.3288, 20.8011
YIQ	110.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

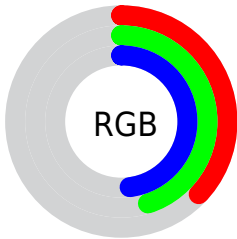
Format	Color
R_{YB}	95, 107, 122
Decimal	6255738
CIE _{Lab}	47.40, -6.26, -5.87
CIE _{LCh}	47, 8.584, 223.164
Yxy	16.3288, 0.2805, 0.3164
Android (android.graphics.Color)	4284445818 (0xFF5F747A)
YUV	110.4050, 5.7163, -13.5102
Hunter-Lab	40.4089, -6.7631, -2.2342

Details

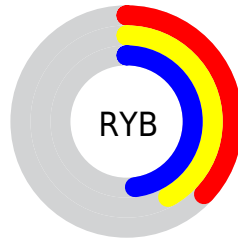
The XYZ color **14.4776, 16.3288, 20.8011** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7456, 14.2714, 12.8044**, and the grayscale version is **14.9249, 15.7021, 17.0996**.

A 20% lighter version of the original color is **33.4967, 37.1722, 45.4539**, and **4.4886, 5.2437, 7.0789** is the 20% darker color. If you saturate the color by 10%, you get **13.0004, 15.1106, 20.6441**, and if you desaturate by 10%, it is **16.1633, 17.6689, 20.9712**.

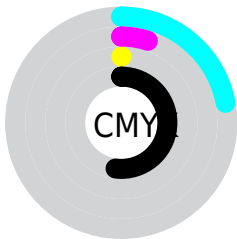
Distribution



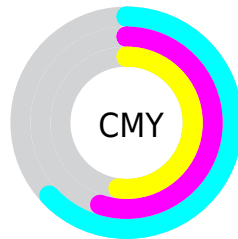
- Red (37%)
- Green (45%)
- Blue (48%)



- Red (37%)
- Yellow (42%)
- Blue (48%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (63%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4776, 16.3288, 20.8011 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 14.4776, 16.3288, 20.8011 by changing the saturation by 10% instead.

■ 14.4776, 16.3288,
20.8011

■ 14.4776, 16.3288,
20.8011

213.6338,
231.2742, 268.9658

■ 8.5375, 9.7571,
12.7889

■ 33.5133, 37.1681,
45.6328

■ 4.4954, 5.2382,
7.1543

■ 47.3397, 52.2045,
63.2893

■ 1.9861, 2.3877,
3.4789

■ 64.5255, 70.8312,
84.9976

■ 0.6261, 0.8196,
1.3441

■ 85.4361, 93.4327,
111.1763

■ 0.0000, 0.0000,
0.0975

110.4369,
120.3934, 142.2440

■ 0.0000, 0.0000,
0.0000

139.8932,

152.0976, 178.6191

174.1703,
188.9297, 220.7202

■ 14.4776, 16.3288,
20.8011

■ 14.4776, 16.3288,
20.8011

■ 13.0004, 15.1106,
20.6441

■ 16.1633, 17.6689,
20.9712

■ 11.7212, 14.0074,
20.4986

■ 18.0649, 19.1335,
21.1537

■ 10.6302, 13.0146,
20.3644

■ 20.1910, 20.7276,
21.3493

■ 9.7166, 12.1264,
20.2412

■ 22.5494, 22.4554,
21.5585

■ 8.9683, 11.3365,
20.1281

■ 25.1473, 24.3206,
21.7816

8.3715, 10.6377,
20.0247

27.9919, 26.3270,
22.0189

7.9104, 10.0216,
19.9301

31.0899, 28.4783,
22.2709

7.5956, 9.5706,
19.8596

34.4478, 30.7778,
22.5378

38.0717, 33.2290,
22.8199

Harmonies

Analogous

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



14.1392, 16.3288, 18.7503



14.4776, 16.3288, 20.8011



15.1003, 16.3288, 22.0969

Triad

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



14.4776, 16.3288, 20.8011



16.9623, 16.3288, 19.0201



15.1894, 16.3288, 14.0050

Complementary

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



14.4776, 16.3288, 20.8011



14.7456, 14.2714, 12.8044

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.



15.9475, 16.3288, 14.0643



14.4776, 16.3288, 20.8011



16.9880, 16.3288, 16.8424

Square

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



14.4776, 16.3288, 20.8011



16.5421, 16.3288, 21.0125



16.6113, 16.3288, 15.0653



14.5409, 16.3288, 14.8960

Rectangle

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



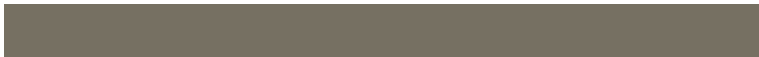
14.4776, 16.3288, 20.8011



15.6009, 16.3288, 22.2976



16.6113, 16.3288, 15.0653



15.4395, 16.3288, 13.9167

Sweetspot

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



14.4781, 16.3295, 20.8015



30.0470, 32.3348, 37.0505



14.0209, 17.2890, 14.8720



6.8393, 7.3695, 8.4687



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.4781, 16.3295, 20.8015



23.9916, 27.5185, 36.4400



13.0481, 13.4695, 20.3248



4.0351, 4.3686, 5.0737



7.9906, 10.0636, 20.9066



37.4634, 46.6994, 99.5091

Inverse Universe

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



15.2711, 13.5834, 18.3407



25.6923, 21.7928, 31.1255



16.1488, 17.0779, 13.2722



4.1182, 4.0630, 4.8200



10.6166, 5.2228, 11.8039



50.3129, 24.7815, 54.5713

Previews

White Background



This preview shows how the XYZ color 14.4776, 16.3288, 20.8011 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 14.4776, 16.3288, 20.8011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

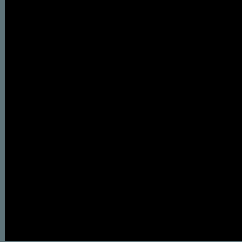
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

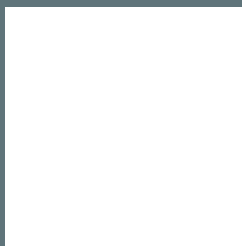
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4776, 16.3288, 20.8011

Background



This preview shows how black text looks on a background with the XYZ color 14.4776, 16.3288, 20.8011.



This preview shows how white text looks on a background with the XYZ color 14.4776, 16.3288,

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

14.4776, 16.3288, 20.8011

Protanopia

15.6963, 16.1455, 19.7419

Deuteranopia

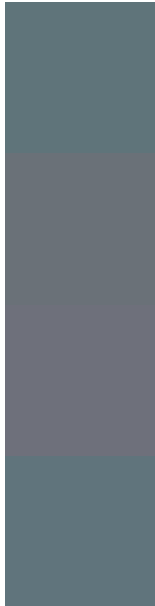
16.5150, 16.2189, 20.9990



Tritanopia

14.7709, 16.4582, 21.8003

Trichromacy



Original Color

14.4776, 16.3288, 20.8011

Protanomaly

15.2392, 16.2305, 20.0989

Deuteranomaly

15.7997, 16.3334, 21.0588

Tritanomaly

14.7074, 16.4328, 21.4655

Monochromacy



Original Color

14.4776, 16.3288, 20.8011

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6571, 15.8065, 18.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4776, 16.3288, 20.8011 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(95, 116, 122) looks like.

```
.text, #text, p{  
    color:rgb(95, 116, 122)  
}
```

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(95, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 116, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.4776, 16.3288, 20.8011 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(95, 116, 122) }
```


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

```
.border{ border-color:rgb(95, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(95, 116,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4776, 16.3288, 20.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 116, 122) }
```

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

```
.background{ background-color: rgb(95, 116,  
122) }
```

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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