

Converting Colors

XYZ(11.2917, 12.3447, 19.2404)

Have a look what the booklet for
XYZ(11.2917, 12.3447, 19.2404)
contains.

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Color

**XYZ(11.2917, 12.3447,
19.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	506577
RGB	80, 101, 119
RGB Percent	31%, 40%, 47%
CMY	0.6863, 0.6039, 0.5333
CMYK	0.33, 0.15, 0.00, 0.53
HSL	208°, 20%, 39%
HSV	208°, 33%, 47%
XYZ	11.2917, 12.3447, 19.2404
YIQ	96.7730, -18.2940, 1.1460

Conversions

Conversions Part 2

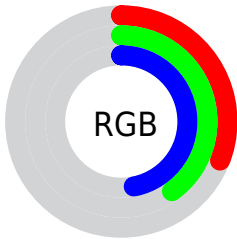
Format	Color
R_YB	80, 94, 119
Decimal	5268855
CIE Lab	41.76, -3.16, -12.65
CIE LCh	42, 13.037, 255.958
Yxy	12.3447, 0.2634, 0.2879
Android (android.graphics.Color)	4283458935 (0xFF506577)
YUV	96.7730, 10.9579, -14.7099
Hunter-Lab	35.1350, -4.1199, -7.8735

Details

The XYZ color **11.2917, 12.3447, 19.2404** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4236, 13.2367, 9.4372**, and the grayscale version is **11.2841, 11.8718, 12.9283**.

A 20% lighter version of the original color is **27.7848, 30.1426, 42.8818**, and **3.0837, 3.4166, 6.4582** is the 20% darker color. If you saturate the color by 10%, you get **9.8591, 10.8411, 19.0259**, and if you desaturate by 10%, it is **12.9387, 14.0124, 19.4757**.

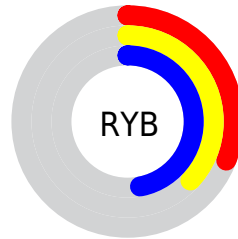
Distribution



Red (31%)

Green (40%)

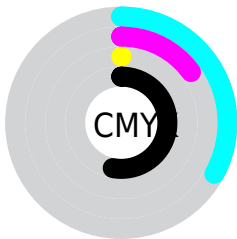
Blue (47%)



Red (31%)

Yellow (37%)

Blue (47%)

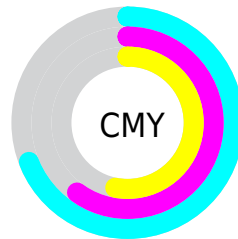


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (53%)



Cyan (69%)

Magenta (60%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2917, 12.3447, 19.2404 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 11.2917, 12.3447, 19.2404 by changing the saturation by 10% instead.

■ 11.2917, 12.3447,
19.2404

■ 11.2917, 12.3447,
19.2404

193.5252,
206.6741, 260.2395

■ 6.3321, 6.9789,
11.6655

■ 27.8265, 30.1214,
42.9820

■ 3.0906, 3.4489,
6.3966

■ 40.1325, 43.3010,
59.9859

■ 1.2019, 1.3703,
3.0150

■ 55.6179, 59.8541,
80.9698

■ 0.1078, 0.1947,
1.1023

■ 74.6482, 80.1649,
106.3523

■ 0.0000, 0.0000,
0.0000

■ 97.5888, 104.6179,
136.5520

124.8049,

133.5976, 171.9874

156.6619,
167.4882, 213.0771

■ 11.2917, 12.3447,
19.2404

■ 11.2917, 12.3447,
19.2404

■ 9.8591, 10.8411,
19.0259

■ 12.9387, 14.0124,
19.4757

■ 8.6296, 9.4938,
18.8306

■ 14.8084, 15.8484,
19.7315

■ 7.5928, 8.2966,
18.6542

■ 16.9099, 17.8589,
20.0088

■ 6.7364, 7.2422,
18.4958

■ 19.2514, 20.0489,
20.3081

■ 6.0469, 6.3225,
18.3546

■ 21.8410, 22.4235,
20.6300

■ 5.5076, 5.5276,
18.2296

■ 24.6859, 24.9875,
20.9750

■ 5.1677, 5.0077,
18.1472

■ 27.7935, 27.7453,
21.3435

■ 31.1706, 30.7015,
21.7361

■ 34.8237, 33.8602,
22.1533

Harmonies

Analogous

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



10.4980, 12.3447, 17.6042



11.2917, 12.3447, 19.2404



12.2474, 12.3447, 19.1824

Triad

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



11.2917, 12.3447, 19.2404



13.5962, 12.3447, 12.0415



10.4575, 12.3447, 10.0953

Complementary

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



11.2917, 12.3447, 19.2404



13.4236, 13.2367, 9.4372

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.



11.2338, 12.3447, 8.9778



11.2917, 12.3447, 19.2404



13.0619, 12.3447, 9.9925

Square

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



11.2917, 12.3447, 19.2404



13.6138, 12.3447, 14.7632



12.1862, 12.3447, 8.9430



10.0344, 12.3447, 12.2007

Rectangle

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



11.2917, 12.3447, 19.2404



12.8492, 12.3447, 18.1831



12.1862, 12.3447, 8.9430



10.6839, 12.3447, 9.6051

Sweetspot

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



11.2921, 12.3452, 19.2407



27.4253, 29.2565, 35.4547



12.0888, 15.7728, 13.8518



6.4014, 6.8389, 8.3893



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.



11.2921, 12.3452, 19.2407



18.3310, 20.1336, 34.1731



9.6519, 9.0648, 18.6940



3.6487, 3.8861, 4.6480



5.4806, 5.3010, 19.2769



25.8431, 24.1028, 93.6505

Inverse Universe

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



12.8257, 10.5992, 13.6822



21.5721, 16.7336, 22.3607



15.4231, 17.2356, 10.1037



3.7587, 3.7308, 4.2561



9.0635, 4.5591, 5.5426



43.7311, 22.0426, 24.7113

Previews

White Background



This preview shows how the XYZ color 11.2917, 12.3447, 19.2404 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 11.2917, 12.3447, 19.2404 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

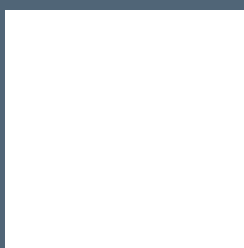
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2917, 12.3447, 19.2404

Background



This preview shows how black text looks on a background with the XYZ color 11.2917, 12.3447, 19.2404.

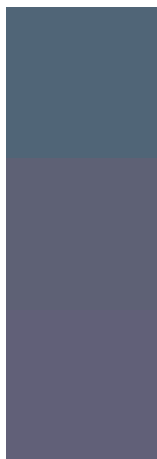


This preview shows how white text looks on a background with the XYZ color 11.2917, 12.3447,

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

11.2917, 12.3447, 19.2404

Protanopia

12.1017, 12.2134, 18.5492

Deuteranopia

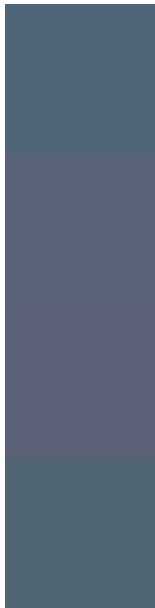
12.5028, 12.2632, 19.4774



Tritanopia

10.7625, 12.2701, 16.8401

Trichromacy



Original Color

11.2917, 12.3447, 19.2404

Protanomaly

11.7575, 12.1672, 18.8684

Deuteranomaly

12.0722, 12.3156, 19.5102

Tritanomaly

11.0131, 12.3799, 17.7287

Monochromacy



Original Color

11.2917, 12.3447, 19.2404

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2319, 11.9794, 15.0849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2917, 12.3447, 19.2404 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(80, 101, 119) looks like.

```
.text, #text, p{  
    color:rgb(80, 101, 119)  
}
```

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(80, 101, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 101, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.2917, 12.3447, 19.2404 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(80, 101, 119) }
```


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

```
.border{ border-color:rgb(80, 101, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 101, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 101, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 101, 119);  
box-shadow:4px 4px 4px 4px rgb(80, 101,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2917, 12.3447, 19.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 101, 119) }
```

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

```
.background{ background-color: rgb(80, 101,  
119) }
```

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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