

Converting Colors

XYZ(11.2178, 13.7769, 19.3214)

Have a look what the booklet for
XYZ(11.2178, 13.7769, 19.3214)
contains.

XYZ(11.2692, 13.8702, 19.2228)	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(11.2692, 13.8702,
19.2228)**

Conversions

Conversions Part 1

Format	Color
Hex	436F76
RGB	67, 111, 118
RGB Percent	26%, 44%, 46%
CMY	0.7372, 0.5647, 0.5373
CMYK	0.43, 0.06, 0.00, 0.54
HSL	188°, 28%, 36%
HSV	188°, 43%, 46%
XYZ	11.2692, 13.8702, 19.2228
YIQ	98.6420, -28.4710, -7.1510

Conversions

Conversions Part 2

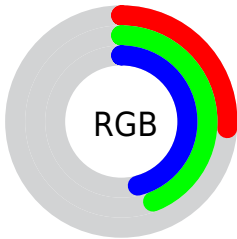
Format	Color
RYB	67, 91, 118
Decimal	4419446
CIELab	44.05, -13.19, -8.67
CIELCh	44, 15.781, 213.323
Yxy	13.8702, 0.2540, 0.3127
Android (android.graphics.Color)	4282609526 (0xFF436F76)
YUV	98.6420, 9.5435, -27.7500
Hunter-Lab	37.2427, -11.1628, -4.5326

Details

The XYZ color **11.2692, 13.8702, 19.2228** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.9333, 9.1545, 6.5013**, and the grayscale version is **11.7521, 12.3641, 13.4645**.

A 20% lighter version of the original color is **27.8241, 32.9482, 42.9234**, and **3.0800, 4.0988, 6.4232** is the 20% darker color. If you saturate the color by 10%, you get **10.3663, 13.1451, 19.1307**, and if you desaturate by 10%, it is **12.3411, 14.6878, 19.3244**.

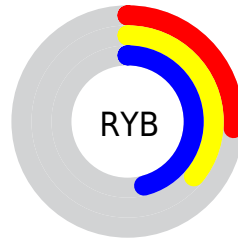
Distribution



Red (26%)

Green (44%)

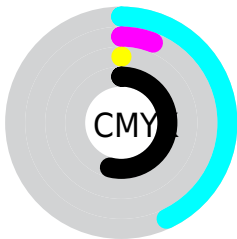
Blue (46%)



Red (26%)

Yellow (36%)

Blue (46%)

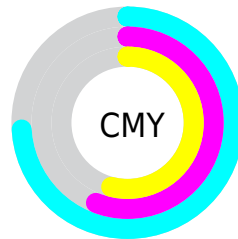


Cyan (43%)

Magenta (6%)

Yellow (0%)

Black (54%)



Cyan (74%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2692, 13.8702, 19.2228 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 11.2692, 13.8702, 19.2228 by changing the saturation by 10% instead.

■ 11.2692, 13.8702,
19.2228

■ 11.2692, 13.8702,
19.2228

193.3756,
216.4218, 260.1396

■ 6.3168, 8.0304,
11.6529

■ 27.7855, 32.8585,
42.9519

■ 3.0812, 4.1144,
6.3882

■ 40.0801, 46.7759,
59.9483

■ 1.1968, 1.7378,
3.0099

■ 55.5528, 64.1546,
80.9239

■ 0.1039, 0.4479,
1.0997

■ 74.5690, 85.3790,
106.2973

■ 0.0000, 0.0000,
0.0000

■ 97.4940, 110.8336,
136.4870

124.6932,

140.9026, 171.9116

156.5320,
175.9706, 212.9896

■ 11.2692, 13.8702,
19.2228

■ 11.2692, 13.8702,
19.2228

■ 10.3663, 13.1451,
19.1307

■ 12.3411, 14.6878,
19.3244

■ 9.6209, 12.5056,
19.0465

■ 13.5899, 15.6010,
19.4348

■ 9.0223, 11.9466,
18.9702

■ 15.0246, 16.6149,
19.5549

■ 8.5578, 11.4613,
18.9010

■ 16.6532, 17.7336,
19.6850

■ 8.2111, 11.0414,
18.8382

■ 18.4832, 18.9610,
19.8255

■ 8.0025, 10.7729,
18.7974

■ 20.5218, 20.3008,
19.9766

■ 22.7758, 21.7565,
20.1388

■ 25.2516, 23.3315,
20.3123

■ 27.9553, 25.0290,
20.4974

Harmonies

Analogous

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



10.9194, 13.8702, 15.5062



11.2692, 13.8702, 19.2228



12.1300, 13.8702, 22.1519

Triad

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



11.2692, 13.8702, 19.2228



15.4574, 13.8702, 18.4198



13.0439, 13.8702, 9.2038

Complementary

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



11.2692, 13.8702, 19.2228



10.9333, 9.1545, 6.5013

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.



14.2957, 13.8702, 9.7337



11.2692, 13.8702, 19.2228



15.7401, 13.8702, 14.7055

Square

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



11.2692, 13.8702, 19.2228



14.5528, 13.8702, 21.6390



15.3025, 13.8702, 11.6172



11.9024, 13.8702, 10.0355

Rectangle

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



11.2692, 13.8702, 19.2228



12.9048, 13.8702, 23.0524



15.3025, 13.8702, 11.6172



13.4656, 13.8702, 9.2291

Sweetspot

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



11.2696, 13.8707, 19.2231



26.3896, 29.1945, 34.3812



10.0228, 14.6422, 8.7416



5.9572, 6.6353, 7.8957



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.2696, 13.8707, 19.2231



18.2161, 23.1040, 33.6364



8.8890, 9.1094, 18.4296



3.7425, 4.0737, 4.6793



8.6509, 11.6415, 20.3336



41.6946, 55.8059, 98.9344

Inverse Universe

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



12.3480, 9.0139, 16.1286



20.4371, 13.5509, 27.1619



12.9749, 13.2378, 7.1818



3.8061, 3.7497, 4.5055



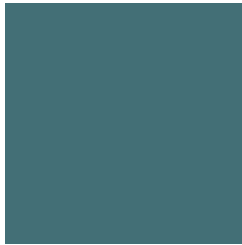
10.6637, 5.1992, 13.9691



51.7323, 25.2430, 66.8447

Previews

White Background



This preview shows how the XYZ color 11.2692, 13.8702, 19.2228 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 11.2692, 13.8702, 19.2228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

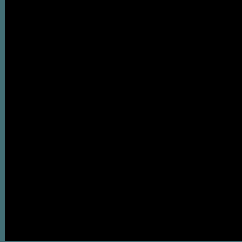
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

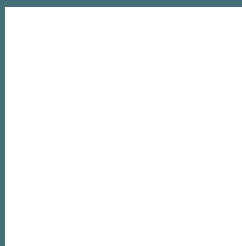
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2692, 13.8702, 19.2228

Background



This preview shows how black text looks on a background with the XYZ color 11.2692, 13.8702, 19.2228.



This preview shows how white text looks on a background with the XYZ color 11.2692, 13.8702,

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

11.2692, 13.8702, 19.2228

Protanopia

13.4244, 13.7763, 17.5743

Deuteranopia

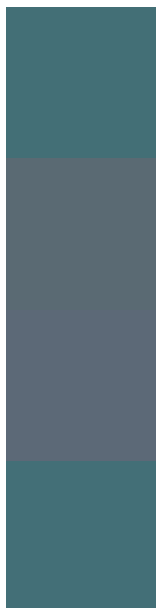
13.9877, 13.7276, 19.6818



Tritanopia

11.3893, 13.9182, 19.8555

Trichromacy



Original Color

11.2692, 13.8702, 19.2228

Protanomaly

12.4650, 13.7195, 18.2108

Deuteranomaly

12.7950, 13.7104, 19.4248

Tritanomaly

11.3290, 13.8941, 19.5375

Monochromacy



Original Color

11.2692, 13.8702, 19.2228

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3822, 12.7673, 15.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2692, 13.8702, 19.2228 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(67, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(67, 111, 118)  
}
```

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(67, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 111, 118) }
```

Border

The CSS property to change the border of an element to XYZ 11.2692, 13.8702, 19.2228 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(67, 111, 118) }
```


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

```
.border{ border-color:rgb(67, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(67, 111,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2692, 13.8702, 19.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 111, 118) }
```

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

```
.background{ background-color: rgb(67, 111,  
118) }
```

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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