

Converting Colors

XYZ(11.5405, 11.2635, 20.9516)

Have a look what the booklet for
XYZ(11.5405, 11.2635, 20.9516)
contains.

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Color

**XYZ(11.4593, 11.1612,
20.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	575C7D
RGB	87, 92, 125
RGB Percent	34%, 36%, 49%
CMY	0.6588, 0.6392, 0.5098
CMYK	0.30, 0.26, 0.00, 0.51
HSL	232°, 18%, 42%
HSV	232°, 30%, 49%
XYZ	11.4593, 11.1612, 20.9524
YIQ	94.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

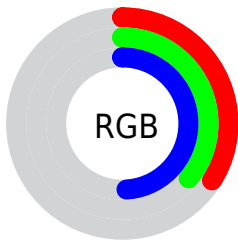
Format	Color
R _Y B	87, 91, 125
Decimal	5725309
CIE Lab	39.85, 6.27, -19.17
CIE LCh	40, 20.172, 288.115
Yxy	11.1612, 0.2630, 0.2562
Android (android.graphics.Color)	4283915389 (0xFF575C7D)
YUV	94.2670, 15.1514, -6.3732
Hunter-Lab	33.4084, 2.7620, -13.7984

Details

The XYZ color **11.4593, 11.1612, 20.9524** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.8944, 18.4812, 11.6940**, and the grayscale version is **10.6703, 11.2260, 12.2252**.

A 20% lighter version of the original color is **28.1901, 27.9636, 46.0312**, and **3.1566, 2.9269, 7.2361** is the 20% darker color. If you saturate the color by 10%, you get **9.5179, 8.8632, 20.6114**, and if you desaturate by 10%, it is **13.7384, 13.8338, 21.3483**.

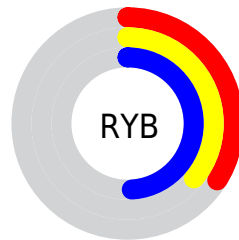
Distribution



Red (34%)

Green (36%)

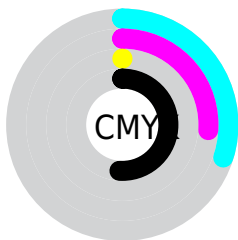
Blue (49%)



Red (34%)

Yellow (36%)

Blue (49%)

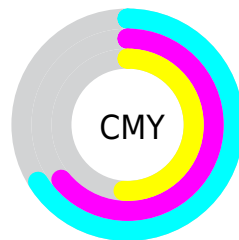


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4593, 11.1612, 20.9524 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 11.4593, 11.1612, 20.9524 by changing the saturation by 10% instead.

■ 11.4593, 11.1612,
20.9524

■ 11.4593, 11.1612,
20.9524

194.6360,
198.7702, 269.7982

■ 6.4462, 6.1754,
12.8983

■ 28.1319, 27.9579,
45.8881

■ 3.1615, 2.9520,
7.2287

■ 40.5221, 40.5375,
63.6067

■ 1.2397, 1.1067,
3.5249

■ 56.1021, 56.4172,
85.3840

■ 0.1374, 0.0000,
1.3685

■ 75.2373, 75.9813,
111.6384

■ 0.0000, 0.0000,
0.1170

■ 98.2928, 99.6143,
142.7884

■ 0.0000, 0.0000,
0.0000

125.6343,

127.7005, 179.2527

157.6269,
160.6243, 221.4498

■ 11.4593, 11.1612,
20.9524

■ 11.4593, 11.1612,
20.9524

■ 9.5179, 8.8632,
20.6114

■ 13.7384, 13.8338,
21.3483

■ 7.8969, 6.9218,
20.3221

■ 16.3690, 16.8954,
21.8006

■ 6.5791, 5.3192,
20.0822

■ 19.3656, 20.3612,
22.3117

■ 5.5456, 4.0358,
19.8889

■ 22.7416, 24.2454,
22.8834

■ 4.7748, 3.0498,
19.7393

■ 26.5097, 28.5611,
23.5179

■ 4.2423, 2.3368,
19.6297

■ 30.6819, 33.3213,
24.2168

■ 3.8937, 1.8647,
19.5569

■ 35.2698, 38.5381,
24.9819

■ 40.2845, 44.2233,
25.8150

■ 45.7367, 50.3882,
26.7175

Harmonies

Analogous

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



10.0686, 11.1612, 21.2628



11.4593, 11.1612, 20.9524



12.7201, 11.1612, 17.9979

Triad

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



11.4593, 11.1612, 20.9524



12.4902, 11.1612, 7.3075



8.2070, 11.1612, 10.6466

Complementary

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



11.4593, 11.1612, 20.9524



16.8944, 18.4812, 11.6940

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.



8.7444, 11.1612, 7.7336



11.4593, 11.1612, 20.9524



11.1671, 11.1612, 6.1065

Square

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



11.4593, 11.1612, 20.9524



13.3501, 11.1612, 9.9294



9.8007, 11.1612, 6.2433



8.2704, 11.1612, 14.6852

Rectangle

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



11.4593, 11.1612, 20.9524



13.2803, 11.1612, 15.2275



9.8007, 11.1612, 6.2433



8.3213, 11.1612, 9.5224

Sweetspot

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



11.4597, 11.1616, 20.9527



29.9118, 30.9502, 39.1418



14.6505, 18.0482, 20.4598



6.6628, 6.8765, 8.8792



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.4597, 11.1616, 20.9527



18.2038, 17.2494, 37.1144



12.4696, 11.0603, 20.8799



4.1510, 4.2960, 5.4237



4.0605, 1.9394, 20.4103



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7977, 11.9494, 11.7049



23.0754, 18.9726, 17.8274



15.6181, 18.7394, 11.8111



4.3490, 4.3528, 4.6425



8.9265, 4.5903, 0.9368



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.4593, 11.1612, 20.9524 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 11.4593, 11.1612, 20.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

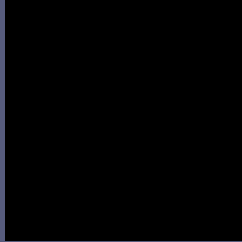
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4593, 11.1612, 20.9524

Background



This preview shows how black text looks on a background with the XYZ color 11.4593, 11.1612, 20.9524.

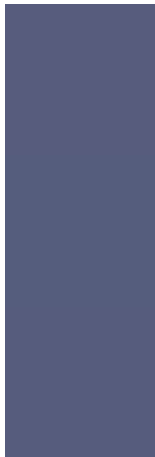


This preview shows how white text looks on a background with the XYZ color 11.4593, 11.1612,

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

11.4593, 11.1612, 20.9524

Protanopia

11.3623, 11.2407, 20.9728

Deuteranopia

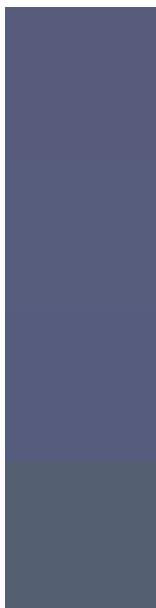
11.3666, 11.1134, 20.9481



Tritanopia

10.1612, 11.1591, 14.7151

Trichromacy



Original Color

11.4593, 11.1612, 20.9524

Protanomaly

11.4538, 11.2878, 20.9771

Deuteranomaly

11.3666, 11.1134, 20.9481

Tritanomaly

10.6730, 11.2391, 16.9361

Monochromacy



Original Color

11.4593, 11.1612, 20.9524

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7785, 11.0728, 14.9338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4593, 11.1612, 20.9524 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(87, 92, 125) looks like.

```
.text, #text, p{  
    color:rgb(87, 92, 125)  
}
```

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(87, 92, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 92, 125) }
```

Border

The CSS property to change the border of an element to XYZ 11.4593, 11.1612, 20.9524 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(87, 92, 125) }
```


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

```
.border{ border-color:rgb(87, 92, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 92, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 92, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 92, 125);  
box-shadow:4px 4px 4px 4px rgb(87, 92,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4593, 11.1612, 20.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 92, 125) }
```

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

```
.background{ background-color: rgb(87, 92,  
125) }
```

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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