

Converting Colors

XYZ(11.3634, 11.0976, 21.7934)

Have a look what the booklet for
XYZ(11.3634, 11.0976, 21.7934)
contains.

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Color

**XYZ(11.3796, 11.0976,
21.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	545C80
RGB	84, 92, 128
RGB Percent	33%, 36%, 50%
CMY	0.6706, 0.6392, 0.4980
CMYK	0.34, 0.28, 0.00, 0.50
HSL	229°, 21%, 42%
HSV	229°, 34%, 50%
XYZ	11.3796, 11.0976, 21.9644
YIQ	93.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

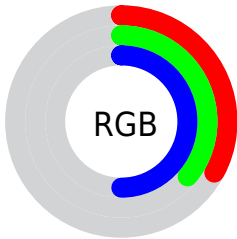
Format	Color
R_{YB}	84, 91, 128
Decimal	5528704
CIE Lab	39.74, 6.16, -21.18
CIE LCh	40, 22.061, 286.203
Yxy	11.0976, 0.2561, 0.2497
Android (android.graphics.Color)	4283718784 (0xFF545C80)
YUV	93.7120, 16.9040, -8.5174
Hunter-Lab	33.3131, 2.6770, -15.7727

Details

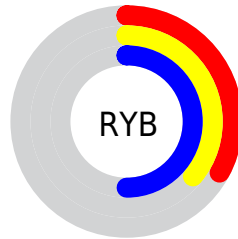
The XYZ color **11.3796, 11.0976, 21.9644** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.2191, 18.6626, 11.0827**, and the grayscale version is **10.5359, 11.0846, 12.0711**.

A 20% lighter version of the original color is **28.0052, 27.8331, 47.6124**, and **3.1158, 2.8936, 7.7914** is the 20% darker color. If you saturate the color by 10%, you get **9.4916, 8.8695, 21.6340**, and if you desaturate by 10%, it is **13.6032, 13.6854, 22.3469**.

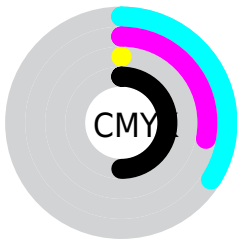
Distribution



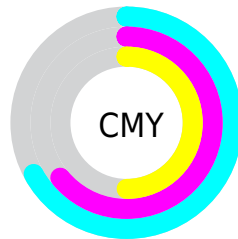
- Red (33%)
- Green (36%)
- Blue (50%)



- Red (33%)
- Yellow (36%)
- Blue (50%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3796, 11.0976, 21.9644 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 11.3796, 11.0976, 21.9644 by changing the saturation by 10% instead.

■ 11.3796, 11.0976,
21.9644

■ 11.3796, 11.0976,
21.9644

■ 194.1086,
198.3359, 275.3077

■ 6.3919, 6.1325,
13.6327

■ 27.9868, 27.8405,
47.5886

■ 3.1277, 2.9258,
7.7298

■ 40.3370, 40.3871,
65.7181

■ 1.2217, 1.0931,
3.8373

■ 55.8721, 56.2297,
87.9507

■ 0.1234, 0.0000,
1.5365

■ 74.9575, 75.7526,
114.7048

■ 0.0000, 0.0000,
0.2449

■ 97.9585, 99.3403,
146.3990

■ 0.0000, 0.0000,
0.0000

125.2404,

127.3772, 183.4519

157.1687,
160.2476, 226.2820

■ 11.3796, 11.0976,
21.9644

■ 11.3796, 11.0976,
21.9644

■ 9.4916, 8.8695,
21.6340

■ 13.6032, 13.6854,
22.3469

■ 7.9215, 6.9838,
21.3528

■ 16.1766, 16.6466,
22.7828

■ 6.6518, 5.4233,
21.1185

■ 19.1147, 19.9960,
23.2745

■ 5.6625, 4.1692,
20.9286

■ 22.4310, 23.7469,
23.8237

■ 4.9315, 3.2005,
20.7802

■ 26.1383, 27.9123,
24.4323

■ 4.4299, 2.4918,
20.6698

■ 30.2491, 32.5042,
25.1020

■ 4.2082, 2.1822,
20.6217

■ 34.7750, 37.5345,
25.8344

■ 39.7272, 43.0145,
26.6311

■ 45.1166, 48.9549,
27.4937

Harmonies

Analogous

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



9.8701, 11.0976, 22.0993



11.3796, 11.0976, 21.9644



12.7871, 11.0976, 18.8057

Triad

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



11.3796, 11.0976, 21.9644



12.6893, 11.0976, 7.0176



7.9705, 11.0976, 10.2056

Complementary

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



11.3796, 11.0976, 21.9644



17.2191, 18.6626, 11.0827

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.



8.5867, 11.0976, 7.1909



11.3796, 11.0976, 21.9644



11.2561, 11.0976, 5.6701

Square

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



11.3796, 11.0976, 21.9644



13.5912, 11.0976, 9.9071



9.7578, 11.0976, 5.7249



7.9967, 11.0976, 14.5571

Rectangle

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



11.3796, 11.0976, 21.9644



13.4359, 11.0976, 15.7614



9.7578, 11.0976, 5.7249



8.1066, 11.0976, 9.0273

Sweetspot

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



11.3800, 11.0980, 21.9647



30.5453, 31.6678, 40.4589



14.7618, 18.6779, 20.5756



7.0109, 7.2538, 9.4490



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.3800, 11.0980, 21.9647



17.4666, 16.5129, 38.2230



12.0968, 10.4926, 21.8100



4.1672, 4.3285, 5.4291



4.1734, 2.1654, 20.4479



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0045, 11.7030, 11.6464



22.8443, 17.9056, 17.0462



16.2678, 19.6606, 11.3254



4.3572, 4.3561, 4.6857



8.9835, 4.6131, 1.2371



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.3796, 11.0976, 21.9644 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 11.3796, 11.0976, 21.9644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

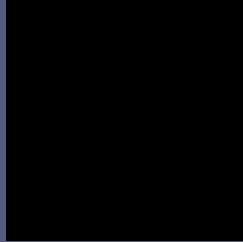
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3796, 11.0976, 21.9644

Background



This preview shows how black text looks on a background with the XYZ color 11.3796, 11.0976, 21.9644.

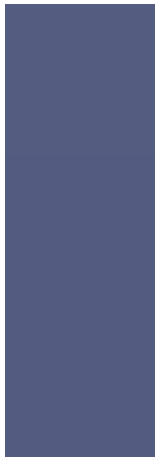


This preview shows how white text looks on a background with the XYZ color 11.3796, 11.0976,

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

11.3796, 11.0976, 21.9644

Protanopia

11.2907, 11.0518, 21.9602

Deuteranopia

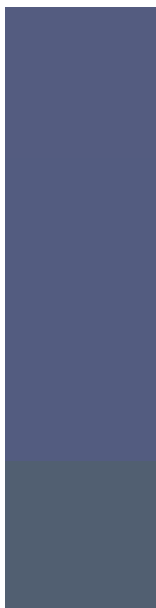
11.2907, 11.0518, 21.9602



Tritanopia

9.9978, 11.2111, 14.7337

Trichromacy



Original Color

11.3796, 11.0976, 21.9644

Protanomaly

11.2907, 11.0518, 21.9602

Deuteranomaly

11.2907, 11.0518, 21.9602

Tritanomaly

10.4662, 11.1260, 17.2187

Monochromacy



Original Color

11.3796, 11.0976, 21.9644

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7323, 11.0430, 15.2015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3796, 11.0976, 21.9644 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(84, 92, 128) looks like.

```
.text, #text, p{  
    color:rgb(84, 92, 128)  
}
```

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(84, 92, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 92, 128) }
```

Border

The CSS property to change the border of an element to XYZ 11.3796, 11.0976, 21.9644 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(84, 92, 128) }
```


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

```
.border{ border-color:rgb(84, 92, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 92, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 92, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 92, 128);  
box-shadow:4px 4px 4px 4px rgb(84, 92,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3796, 11.0976, 21.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 92, 128) }
```

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

```
.background{ background-color: rgb(84, 92,  
128) }
```

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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