

Converting Colors

XYZ(11.3370, 11.1897, 22.6814)

Have a look what the booklet for
XYZ(11.3370, 11.1897, 22.6814)
contains.

XYZ(11.3370, 11.1897, 22.6814)	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(11.3370, 11.1897,
22.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	515D82
RGB	81, 93, 130
RGB Percent	32%, 36%, 51%
CMY	0.6823, 0.6353, 0.4902
CMYK	0.38, 0.28, 0.00, 0.49
HSL	225°, 23%, 41%
HSV	225°, 38%, 51%
XYZ	11.3370, 11.1897, 22.6814
YIQ	93.6300, -19.0290, 8.9630

Conversions

Conversions Part 2

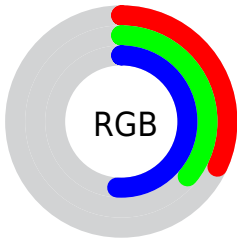
Format	Color
R_{YB}	81, 91, 130
Decimal	5332354
CIE _{Lab}	39.90, 5.19, -22.18
CIE _{LCh}	40, 22.780, 283.157
Yxy	11.1897, 0.2508, 0.2475
Android (android.graphics.Color)	4283522434 (0xFF515D82)
YUV	93.6300, 17.9304, -11.0765
Hunter-Lab	33.4510, 1.9568, -16.7858

Details

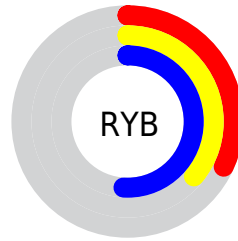
The XYZ color **11.3370, 11.1897, 22.6814** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.1701, 18.2974, 10.4120**, and the grayscale version is **10.5148, 11.0623, 12.0469**.

A 20% lighter version of the original color is **27.8854, 27.9694, 48.7287**, and **3.0917, 2.9356, 7.9931** is the 20% darker color. If you saturate the color by 10%, you get **9.5208, 9.0556, 22.3654**, and if you desaturate by 10%, it is **13.4779, 13.6559, 23.0448**.

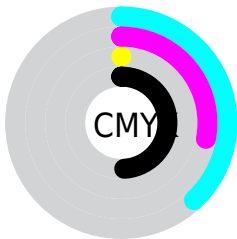
Distribution



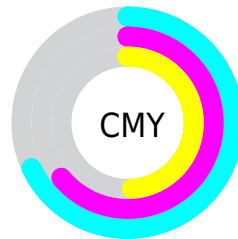
- Red (32%)
- Green (36%)
- Blue (51%)



- Red (32%)
- Yellow (36%)
- Blue (51%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3370, 11.1897, 22.6814 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 11.3370, 11.1897, 22.6814 by changing the saturation by 10% instead.

■ 11.3370, 11.1897,
22.6814

■ 11.3370, 11.1897,
22.6814

193.8261,
198.9644, 279.1530

■ 6.3629, 6.1946,
14.1553

■ 27.9091, 28.0104,
48.7862

■ 3.1097, 2.9638,
8.0888

■ 40.2379, 40.6048,
67.2020

■ 1.2121, 1.1128,
4.0632

■ 55.7490, 56.5011,
89.7515

■ 0.1159, 0.0000,
1.6601

■ 74.8077, 76.0836,
116.8532

■ 0.0000, 0.0000,
0.3332

■ 97.7794, 99.7368,
148.9257

■ 0.0000, 0.0000,
0.0000

125.0295,

127.8451, 186.3875

156.9233,
160.7928, 229.6571

■ 11.3370, 11.1897,
22.6814

■ 11.3370, 11.1897,
22.6814

■ 9.5208, 9.0556,
22.3654

■ 13.4779, 13.6559,
23.0448

■ 8.0118, 7.2376,
22.0940

■ 15.9576, 16.4666,
23.4566

■ 6.7925, 5.7204,
21.8654

■ 18.7906, 19.6352,
23.9189

■ 5.8429, 4.4867,
21.6774

■ 21.9904, 23.1739,
24.4333

■ 5.1407, 3.5172,
21.5272

■ 25.5696, 27.0943,
25.0014

■ 4.6418, 2.7809,
21.4114

■ 29.5403, 31.4075,
25.6246

■ 4.5413, 2.6358,
21.3887

■ 33.9141, 36.1243,
26.3045

■ 38.7019, 41.2548,
27.0425

■ 43.9144, 46.8089,
27.8398

Harmonies

Analogous

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



9.7851, 11.1897, 22.4644



11.3370, 11.1897, 22.6814



12.8352, 11.1897, 19.6353

Triad

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



11.3370, 11.1897, 22.6814



12.9914, 11.1897, 7.1782



8.0016, 11.1897, 9.8478

Complementary

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



11.3370, 11.1897, 22.6814



17.1701, 18.2974, 10.4120

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.



8.7026, 11.1897, 6.9055



11.3370, 11.1897, 22.6814



11.5337, 11.1897, 5.6443

Square

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



11.3370, 11.1897, 22.6814



13.8517, 11.1897, 10.3211



9.9635, 11.1897, 5.5587



7.9601, 11.1897, 14.2579

Rectangle

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



11.3370, 11.1897, 22.6814



13.5606, 11.1897, 16.5161



9.9635, 11.1897, 5.5587



8.1645, 11.1897, 8.6840

Sweetspot

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



11.3374, 11.1901, 22.6817



31.2429, 32.5193, 41.8227



14.6316, 19.0170, 19.9616



6.9466, 7.2208, 9.4460



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.



11.3374, 11.1901, 22.6817



17.2627, 16.5359, 39.4744



11.5118, 9.8374, 22.4114



4.1878, 4.3696, 5.4360



4.3592, 2.5370, 20.5099



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1245, 11.4215, 11.8164



22.9640, 17.2605, 17.1921



16.9055, 20.3937, 10.8306



4.3676, 4.3602, 4.7404



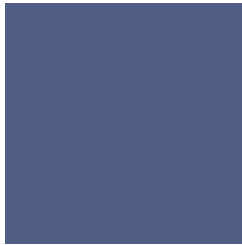
9.0773, 4.6506, 1.7309



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.3370, 11.1897, 22.6814 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 11.3370, 11.1897, 22.6814 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

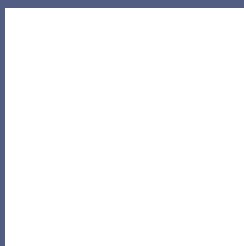
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3370, 11.1897, 22.6814

Background



This preview shows how black text looks on a background with the XYZ color 11.3370, 11.1897, 22.6814.

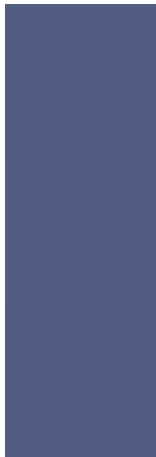


This preview shows how white text looks on a background with the XYZ color 11.3370, 11.1897,

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

11.3370, 11.1897, 22.6814

Protanopia

11.5109, 11.2794, 22.6895

Deuteranopia

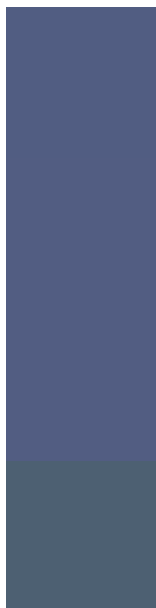
11.4233, 11.2342, 22.6854



Tritanopia

9.8191, 11.2511, 15.0188

Trichromacy



Original Color

11.3370, 11.1897, 22.6814

Protanomaly

11.4233, 11.2342, 22.6854

Deuteranomaly

11.4233, 11.2342, 22.6854

Tritanomaly

10.2807, 11.1584, 17.5315

Monochromacy



Original Color

11.3370, 11.1897, 22.6814

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7764, 11.1908, 15.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3370, 11.1897, 22.6814 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(81, 93, 130) looks like.

```
.text, #text, p{  
    color:rgb(81, 93, 130)  
}
```

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(81, 93, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 93, 130) }
```

Border

The CSS property to change the border of an element to XYZ 11.3370, 11.1897, 22.6814 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(81, 93, 130) }
```


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

```
.border{ border-color:rgb(81, 93, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 93, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 93, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 93, 130);  
box-shadow:4px 4px 4px 4px rgb(81, 93,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3370, 11.1897, 22.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 93, 130) }
```

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

```
.background{ background-color: rgb(81, 93,  
130) }
```

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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