

Converting Colors

XYZ(11.2574, 12.0041, 19.4453)

Have a look what the booklet for
XYZ(11.2574, 12.0041, 19.4453)
contains.

XYZ(11.3317, 12.0736, 19.5025)	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(11.3317, 12.0736,
19.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	526378
RGB	82, 99, 120
RGB Percent	32%, 39%, 47%
CMY	0.6784, 0.6118, 0.5294
CMYK	0.32, 0.17, 0.00, 0.53
HSL	213°, 19%, 40%
HSV	213°, 32%, 47%
XYZ	11.3317, 12.0736, 19.5025
YIQ	96.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

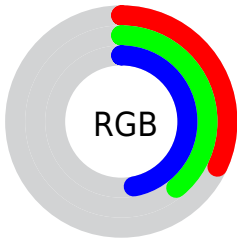
Format	Color
R_{YB}	82, 94, 120
Decimal	5399416
CIE _{Lab}	41.33, -1.04, -13.89
CIE _{LCh}	41, 13.928, 265.729
Yxy	12.0736, 0.2641, 0.2814
Android (android.graphics.Color)	4283589496 (0xFF526378)
YUV	96.3110, 11.6787, -12.5507
Hunter-Lab	34.7471, -2.5951, -8.9547

Details

The XYZ color **11.3317, 12.0736, 19.5025** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1192, 14.3029, 9.9996**, and the grayscale version is **11.1695, 11.7512, 12.7971**.

A 20% lighter version of the original color is **27.8685, 29.6968, 43.2930**, and **3.1036, 3.3585, 6.4459** is the 20% darker color. If you saturate the color by 10%, you get **9.7755, 10.3769, 19.2572**, and if you desaturate by 10%, it is **13.1228, 13.9685, 19.7741**.

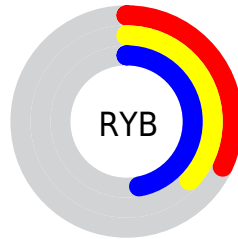
Distribution



Red (32%)

Green (39%)

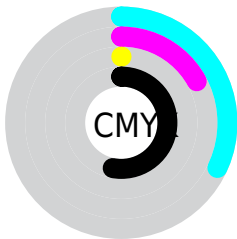
Blue (47%)



Red (32%)

Yellow (37%)

Blue (47%)

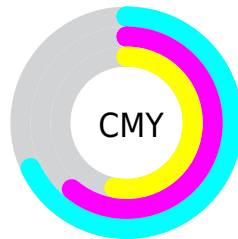


Cyan (32%)

Magenta (17%)

Yellow (0%)

Black (53%)



Cyan (68%)

Magenta (61%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3317, 12.0736, 19.5025 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 11.3317, 12.0736, 19.5025 by changing the saturation by 10% instead.

■ 11.3317, 12.0736,
19.5025

■ 11.3317, 12.0736,
19.5025

193.7909,
204.8919, 261.7235

■ 6.3593, 6.7938,
11.8535

■ 27.8995, 29.6291,
43.4294

■ 3.1075, 3.3335,
6.5226

■ 40.2256, 42.6736,
60.5444

■ 1.2109, 1.3082,
3.0915

■ 55.7337, 59.0751,
81.6518

■ 0.1149, 0.1476,
1.1416

■ 74.7891, 79.2180,
107.1701

■ 0.0000, 0.0000,
0.0000

■ 97.7571, 103.4868,
137.5179

125.0032,

132.2658, 173.1137

156.8927,
165.9394, 214.3761

■ 11.3317, 12.0736,
19.5025

■ 11.3317, 12.0736,
19.5025

■ 9.7755, 10.3769,
19.2572

■ 13.1228, 13.9685,
19.7741

■ 8.4422, 8.8697,
19.0366

■ 15.1577, 16.0673,
20.0719

■ 7.3208, 7.5445,
18.8399

■ 17.4462, 18.3767,
20.3971

■ 6.3982, 6.3928,
18.6662

■ 19.9971, 20.9033,
20.7503

■ 5.6603, 5.4050,
18.5145

■ 22.8188, 23.6528,
21.1323

■ 5.0904, 4.5706,
18.3834

■ 25.9194, 26.6309,
21.5437

■ 4.6948, 3.9654,
18.2875

■ 29.3066, 29.8433,
21.9852

■ 32.9877, 33.2951,
22.4575

■ 36.9700, 36.9915,
22.9611

Harmonies

Analogous

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



10.4173, 12.0736, 18.2935



11.3317, 12.0736, 19.5025



12.3387, 12.0736, 18.8142

Triad

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



11.3317, 12.0736, 19.5025



13.3137, 12.0736, 10.8784



9.9457, 12.0736, 10.2587

Complementary

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



11.3317, 12.0736, 19.5025



14.1192, 14.3029, 9.9996

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.



10.6537, 12.0736, 8.7487



11.3317, 12.0736, 19.5025



12.6032, 12.0736, 9.0680

Square

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



11.3317, 12.0736, 19.5025



13.5213, 12.0736, 13.5643



11.6207, 12.0736, 8.3469



9.6474, 12.0736, 12.7366

Rectangle

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



11.3317, 12.0736, 19.5025



12.9217, 12.0736, 17.4190



11.6207, 12.0736, 8.3469



10.1416, 12.0736, 9.6362

Sweetspot

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



11.3321, 12.0741, 19.5028



27.6018, 29.2176, 35.4379



12.6396, 16.2043, 15.2676



6.4297, 6.8109, 8.3824



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.



11.3321, 12.0741, 19.5028



17.9019, 19.0334, 33.9834



10.0550, 9.2712, 19.0291



3.9315, 4.1614, 5.0392



5.1079, 4.2982, 19.9457



23.5409, 18.8544, 94.8683

Inverse Universe

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



13.0155, 10.9289, 13.2284



21.4146, 16.8967, 20.8341



15.7245, 17.9009, 10.6095



4.0659, 4.0421, 4.5447



9.1615, 4.6408, 4.1416



43.2855, 21.9705, 17.5653

Previews

White Background



This preview shows how the XYZ color 11.3317, 12.0736, 19.5025 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 11.3317, 12.0736, 19.5025 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

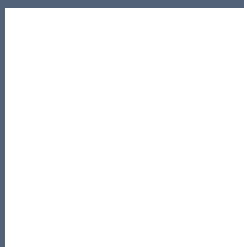
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3317, 12.0736, 19.5025

Background



This preview shows how black text looks on a background with the XYZ color 11.3317, 12.0736, 19.5025.

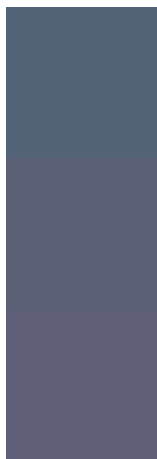


This preview shows how white text looks on a background with the XYZ color 11.3317, 12.0736,

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

11.3317, 12.0736, 19.5025

Protanopia

11.8665, 11.9491, 18.8205

Deuteranopia

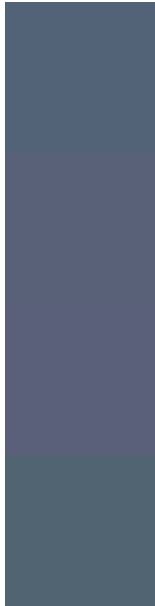
12.2627, 11.9978, 19.7586



Tritanopia

10.7223, 12.1170, 16.2417

Trichromacy



Original Color

11.3317, 12.0736, 19.5025

Protanomaly

11.6290, 11.9560, 19.1476

Deuteranomaly

11.8505, 11.9199, 19.7653

Tritanomaly

10.9311, 12.0559, 17.3737

Monochromacy



Original Color

11.3317, 12.0736, 19.5025

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1389, 11.7935, 15.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3317, 12.0736, 19.5025 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(82, 99, 120)` looks like.

```
.text, #text, p{  
    color:rgb(82, 99, 120)  
}
```

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(82, 99, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 99, 120) }
```

Border

The CSS property to change the border of an element to XYZ 11.3317, 12.0736, 19.5025 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(82, 99, 120) }
```


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

```
.border{ border-color:rgb(82, 99, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 99, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 99, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 99, 120);  
box-shadow:4px 4px 4px 4px rgb(82, 99,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3317, 12.0736, 19.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 99, 120) }
```

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

```
.background{ background-color: rgb(82, 99,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor