

Converting Colors

XYZ(13.3374, 12.0810, 26.5366)

Have a look what the booklet for
XYZ(13.3374, 12.0810, 26.5366)
contains.

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Color

**XYZ(13.3673, 12.1550,
26.4526)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5D8C
RGB	95, 93, 140
RGB Percent	37%, 36%, 55%
CMY	0.6274, 0.6353, 0.4510
CMYK	0.32, 0.34, 0.00, 0.45
HSL	243°, 20%, 46%
HSV	243°, 34%, 55%
XYZ	13.3673, 12.1550, 26.4526
YIQ	98.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

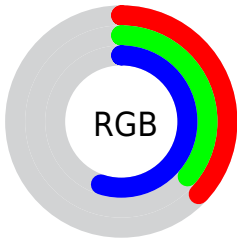
Format	Color
R_{YB}	95, 93, 140
Decimal	6249868
CIE _{Lab}	41.46, 12.34, -25.72
CIE _{LCh}	41, 28.531, 295.628
Yxy	12.1550, 0.2572, 0.2339
Android (android.graphics.Color)	4284439948 (0xFF5F5D8C)
YUV	98.9560, 20.2347, -3.4694
Hunter-Lab	34.8640, 7.4271, -20.5807

Details

The XYZ color **13.3673, 12.1550, 26.4526** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.8352, 24.9500, 14.0213**, and the grayscale version is **11.8022, 12.4168, 13.5219**.

A 20% lighter version of the original color is **31.5927, 29.7430, 55.1148**, and **3.9887, 3.3521, 10.1096** is the 20% darker color. If you saturate the color by 10%, you get **10.9746, 9.2615, 26.0204**, and if you desaturate by 10%, it is **16.2254, 15.6229, 26.9715**.

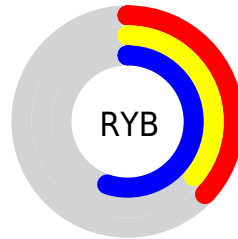
Distribution



Red (37%)

Green (36%)

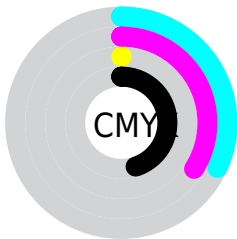
Blue (55%)



Red (37%)

Yellow (36%)

Blue (55%)

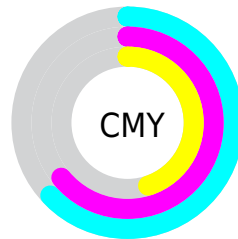


Cyan (32%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3673, 12.1550, 26.4526 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 13.3673, 12.1550, 26.4526 by changing the saturation by 10% instead.

■ 13.3673, 12.1550,
26.4526

■ 13.3673, 12.1550,
26.4526

206.8488,
205.4287, 298.6727

■ 7.7607, 6.8493,
16.9337

■ 31.5578, 29.7771,
54.9972

■ 3.9927, 3.3681,
10.0258

■ 44.8725, 42.8623,
74.8601

■ 1.6980, 1.3268,
5.3102

■ 61.4871, 59.3095,
99.0080

■ 0.4550, 0.1618,
2.3685

■ 81.7672, 79.5030,
127.8595

■ 0.0000, 0.0000,
0.7692

106.0781,
103.8273, 161.8332

■ 0.0000, 0.0000,
0.0000

134.7851,

132.6668, 201.3476

168.2535,
166.4058, 246.8213

■ 13.3673, 12.1550,
26.4526

■ 13.3673, 12.1550,
26.4526

■ 10.9746, 9.2615,
26.0204

■ 16.2254, 15.6229,
26.9715

■ 9.0215, 6.9102,
25.6695

■ 19.5705, 19.6924,
27.5807

■ 7.4816, 5.0676,
25.3950

■ 23.4241, 24.3906,
28.2845

■ 6.3252, 3.6961,
25.1912

■ 27.8064, 29.7427,
29.0866

■ 5.5185, 2.7529,
25.0517

■ 32.7361, 35.7723,
29.9906

■ 5.0216, 2.1869,
24.9687

■ 38.2313, 42.5019,
30.9999

■ 4.8083, 1.9319,
24.9307

■ 44.3092, 49.9531,
32.1178

■ 50.9862, 58.1465,
33.3473

■ 58.2781, 67.1016,
34.6915

Harmonies

Analogous

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



11.2513, 12.1550, 28.2228



13.3673, 12.1550, 26.4526



15.1716, 12.1550, 20.7965

Triad

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



13.3673, 12.1550, 26.4526



13.9567, 12.1550, 5.8626



8.0118, 12.1550, 12.3821

Complementary

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



13.3673, 12.1550, 26.4526



21.8352, 24.9500, 14.0213

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.



8.5610, 12.1550, 7.7721



13.3673, 12.1550, 26.4526



11.8600, 12.1550, 4.7942

Square

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



13.3673, 12.1550, 26.4526



15.5395, 12.1550, 8.8796



9.9107, 12.1550, 5.3706



8.3142, 12.1550, 18.8220

Rectangle

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



13.3673, 12.1550, 26.4526



15.8681, 12.1550, 16.2806



9.9107, 12.1550, 5.3706



8.1009, 12.1550, 10.5946

Sweetspot

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



13.3677, 12.1555, 26.4529



36.6843, 37.3754, 49.0237



18.3989, 22.5225, 28.1887



8.2645, 8.3825, 11.2618



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.3677, 12.1555, 26.4529



20.4205, 17.6227, 46.0682



16.1286, 13.5787, 26.5821



4.7931, 4.9018, 6.2994



4.2767, 1.7188, 22.1520



0.0307, 0.0126, 0.1473

Inverse Universe

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



19.3173, 15.2395, 25.9681



32.5296, 23.9013, 45.0010



18.4157, 23.1871, 13.8612



5.2248, 5.1254, 6.2723



13.4377, 6.4852, 20.6068



0.0906, 0.0436, 0.1439

Previews

White Background



This preview shows how the XYZ color 13.3673, 12.1550, 26.4526 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 13.3673, 12.1550, 26.4526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

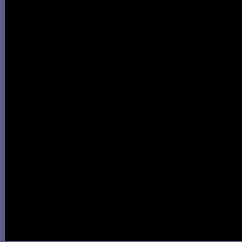
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3673, 12.1550, 26.4526

Background



This preview shows how black text looks on a background with the XYZ color 13.3673, 12.1550, 26.4526.

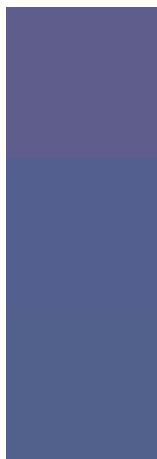


This preview shows how white text looks on a background with the XYZ color 13.3673, 12.1550,

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

13.3673, 12.1550, 26.4526

Protanopia

12.7081, 12.1879, 27.6693

Deuteranopia

12.4146, 12.2073, 26.1280



Tritanopia

11.2355, 12.2506, 15.6823

Trichromacy



Original Color

13.3673, 12.1550, 26.4526

Protanomaly

12.9052, 12.1636, 27.2588

Deuteranomaly

12.7736, 12.2561, 26.1185

Tritanomaly

11.9189, 12.1054, 19.1612

Monochromacy



Original Color

13.3673, 12.1550, 26.4526

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.3490, 12.3610, 17.6546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3673, 12.1550, 26.4526 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(95, 93, 140) looks like.

```
.text, #text, p{  
    color:rgb(95, 93, 140)  
}
```

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(95, 93, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 93, 140) }
```

Border

The CSS property to change the border of an element to XYZ 13.3673, 12.1550, 26.4526 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(95, 93, 140) }
```


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

```
.border{ border-color:rgb(95, 93, 140) }
```

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

Here you see how a box with a 4 pixel rgb(95, 93, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 93, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 93, 140);  
box-shadow:4px 4px 4px 4px rgb(95, 93,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3673, 12.1550, 26.4526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 93, 140) }
```

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

```
.background{ background-color: rgb(95, 93,  
140) }
```

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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