

Converting Colors

XYZ(12.0542, 11.0741, 5.5739)

Have a look what the booklet for
XYZ(12.0542, 11.0741, 5.5739)
contains.

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Color

**XYZ(12.0024, 11.0363,
5.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	79563B
RGB	121, 86, 59
RGB Percent	47%, 34%, 23%
CMY	0.5255, 0.6627, 0.7686
CMYK	0.00, 0.29, 0.51, 0.53
HSL	26°, 34%, 35%
HSV	26°, 51%, 47%
XYZ	12.0024, 11.0363, 5.6353
YIQ	93.3870, 29.5270, -0.9770

Conversions

Conversions Part 2

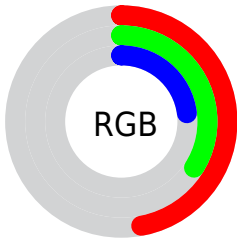
Format	Color
R_{YB}	121, 107, 59
Decimal	7951931
CIE _{Lab}	39.64, 11.02, 21.40
CIE _{LCh}	40, 24.069, 62.764
Yxy	11.0363, 0.4186, 0.3849
Android (android.graphics.Color)	4286142011 (0xFF79563B)
YUV	93.3870, -16.9528, 24.2166
Hunter-Lab	33.2209, 6.3537, 13.1972

Details

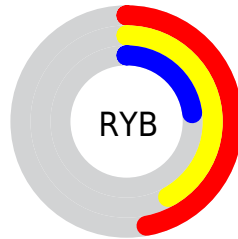
The XYZ color **12.0024, 11.0363, 5.6353** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.2574, 10.3153, 19.5923**, and the grayscale version is **10.5289, 11.0772, 12.0631**.

A 20% lighter version of the original color is **29.1372, 27.7838, 17.7370**, and **3.4123, 2.9254, 0.8750** is the 20% darker color. If you saturate the color by 10%, you get **11.2048, 9.8864, 3.9966**, and if you desaturate by 10%, it is **12.9255, 12.3207, 7.6751**.

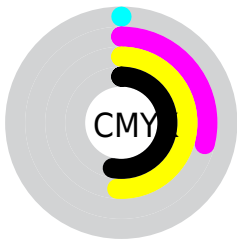
Distribution



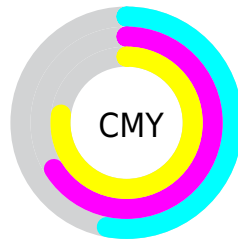
- Red (47%)
- Green (34%)
- Blue (23%)



- Red (47%)
- Yellow (42%)
- Blue (23%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (53%)





- Cyan (53%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 12.0024, 11.0363, 5.6353 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 12.0024, 11.0363, 5.6353 by changing the saturation by 10% instead.

 12.0024, 11.0363,
5.6353


 12.0024, 11.0363,
5.6353


198.1908,
197.9164, 164.9621


 6.8175, 6.0913,
2.5594


 29.1163, 27.7273,
17.6335


 3.3936, 2.9007,
0.8714

 41.7760, 40.2420,
27.3929


 1.3651, 1.0801,
0.0000

 57.6581, 56.0487,
40.2173

 0.2312, 0.0000,
0.0000

 77.1278, 75.5319,
56.5251

 0.0000, 0.0000,
0.0000

 100.5506, 99.0758,
76.7350

 128.2918,

127.0650, 101.2654

160.7167,
159.8837, 130.5349

■ 12.0024, 11.0363,
5.6353

■ 12.0024, 11.0363,
5.6353

■ 11.2048, 9.8864,
3.9966

■ 12.9255, 12.3207,
7.6751

■ 10.5252, 8.8643,
2.7309

■ 13.9792, 13.7425,
10.1401

■ 9.9567, 7.9654,
1.8077

■ 15.1695, 15.3068,
13.0533

■ 9.4910, 7.1836,
1.1910

■ 16.5015, 17.0176,
16.4358

■ 9.1446, 6.5838,
0.7888

■ 17.9801, 18.8789,
20.3073

■ 19.6101, 20.8946,
24.6864

■ 21.3958, 23.0683,
29.5909

■ 23.3416, 25.4035,
35.0374

■ 25.4515, 27.9037,
41.0420

Harmonies

Analogous

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



13.3758, 11.0363, 7.7563



12.0024, 11.0363, 5.6353



10.3381, 11.0363, 5.0573

Triad

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



12.0024, 11.0363, 5.6353



7.6408, 11.0363, 12.4582



12.2933, 11.0363, 21.3399

Complementary

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



12.0024, 11.0363, 5.6353



9.2574, 10.3153, 19.5923

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.



10.6427, 11.0363, 23.5039



12.0024, 11.0363, 5.6353



8.0518, 11.0363, 17.6062

Square

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



12.0024, 11.0363, 5.6353



7.9248, 11.0363, 8.3344



9.1097, 11.0363, 21.9860



13.5557, 11.0363, 16.6494

Rectangle

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



12.0024, 11.0363, 5.6353



9.3145, 11.0363, 5.4572



9.1097, 11.0363, 21.9860



11.7598, 11.0363, 22.4351

Sweetspot

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



12.0027, 11.0368, 5.6355



28.5319, 29.1746, 26.8228



11.4756, 8.0035, 11.5612



6.4320, 6.5528, 5.8997



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.



12.0027, 11.0368, 5.6355



19.8967, 17.4560, 6.8292



15.0204, 17.0723, 6.6414



4.1286, 4.2756, 4.2322



9.7889, 7.0337, 0.8417



45.8785, 31.9204, 3.7432

Inverse Universe

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



9.2574, 10.3153, 19.5923



14.4021, 15.9984, 34.7218



7.0398, 5.8802, 18.8532



3.9678, 4.2339, 5.0513



5.9220, 5.9264, 20.2171



27.3898, 26.5523, 96.1513

Previews

White Background



This preview shows how the XYZ color 12.0024, 11.0363, 5.6353 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 12.0024, 11.0363, 5.6353 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 12.0024, 11.0363, 5.6353

Background



This preview shows how black text looks on a background with the XYZ color 12.0024, 11.0363, 5.6353.



This preview shows how white text looks on a background with the XYZ color 12.0024, 11.0363,

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

12.0024, 11.0363, 5.6353

Protanopia

10.3517, 11.1780, 6.1694

Deuteranopia

11.1462, 10.9610, 5.5312



Tritanopia

12.9471, 10.9501, 10.6637

Trichromacy



Original Color

12.0024, 11.0363, 5.6353

Protanomaly

10.8901, 11.0703, 5.9777

Deuteranomaly

11.4559, 10.9979, 5.5220

Tritanomaly

12.4589, 10.8599, 8.4607

Monochromacy



Original Color

12.0024, 11.0363, 5.6353

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.7349, 10.7900, 9.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0024, 11.0363, 5.6353 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(121, 86, 59)` looks like.

```
.text, #text, p{  
    color:rgb(121, 86, 59)  
}
```

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(121, 86, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 86, 59) }
```

Border

The CSS property to change the border of an element to XYZ 12.0024, 11.0363, 5.6353 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(121, 86, 59) }
```


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

```
.border{ border-color:rgb(121, 86, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 86, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 86, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 86, 59);  
box-shadow:4px 4px 4px 4px rgb(121, 86,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0024, 11.0363, 5.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 86, 59) }
```

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

```
.background{ background-color: rgb(121, 86,  
59) }
```

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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