

Converting Colors

XYZ(11.6170, 11.1174, 8.1611)

Have a look what the booklet for
XYZ(11.6170, 11.1174, 8.1611)
contains.

XYZ(11.6524, 11.1635, 8.1972)	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(11.6524, 11.1635,
8.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	71594B
RGB	113, 89, 75
RGB Percent	44%, 35%, 29%
CMY	0.5569, 0.6510, 0.7059
CMYK	0.00, 0.21, 0.34, 0.56
HSL	22°, 20%, 37%
HSV	22°, 34%, 44%
XYZ	11.6524, 11.1635, 8.1972
YIQ	94.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

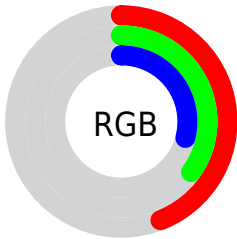
Format	Color
R _Y B	113, 97, 75
Decimal	7428427
CIE Lab	39.85, 7.63, 11.85
CIE LCh	40, 14.098, 57.209
Yxy	11.1635, 0.3757, 0.3600
Android (android.graphics.Color)	4285618507 (0xFF71594B)
YUV	94.5800, -9.6529, 16.1543
Hunter-Lab	33.4118, 3.7813, 8.8422

Details

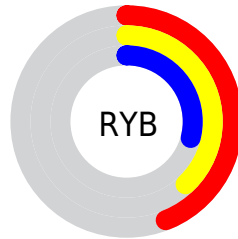
The XYZ color **11.6524, 11.1635, 8.1972** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3439, 11.6112, 17.3187**, and the grayscale version is **10.7963, 11.3586, 12.3695**.

A 20% lighter version of the original color is **28.5966, 28.0275, 22.9714**, and **3.2256, 2.9167, 1.6893** is the 20% darker color. If you saturate the color by 10%, you get **10.7342, 9.8921, 6.1496**, and if you desaturate by 10%, it is **12.6975, 12.5786, 10.6264**.

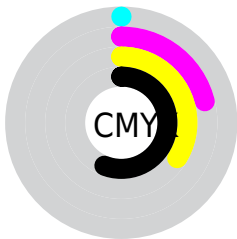
Distribution



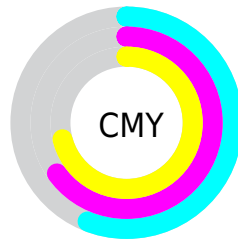
- Red (44%)
- Green (35%)
- Blue (29%)



- Red (44%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6524, 11.1635, 8.1972 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 11.6524, 11.1635, 8.1972 by changing the saturation by 10% instead.

■ 11.6524, 11.1635,
8.1972

■ 11.6524, 11.1635,
8.1972

195.9076,
198.7859, 187.2627

■ 6.5780, 6.1769,
4.1318

■ 28.4828, 27.9621,
22.8967

■ 3.2436, 2.9530,
1.6979

■ 40.9695, 40.5429,
34.3678

■ 1.2838, 1.1072,
0.3593

■ 56.6576, 56.4239,
49.1446

■ 0.1711, 0.0000,
0.0000

■ 75.9126, 75.9896,
67.6457

■ 0.0000, 0.0000,
0.0000

■ 99.0997, 99.6242,
90.2894

126.5843,

127.7121, 117.4945

158.7318,
160.6379, 149.6794

■ 11.6524, 11.1635,
8.1972

■ 11.6524, 11.1635,
8.1972

■ 10.7342, 9.8921,
6.1496

■ 12.6975, 12.5786,
10.6264

■ 9.9368, 8.7581,
4.4631

■ 13.8735, 14.1403,
13.4548

■ 9.2548, 7.7570,
3.1165

■ 15.1854, 15.8534,
16.6996

■ 8.6819, 6.8835,
2.0861

■ 16.6376, 17.7220,
20.3770

■ 8.2113, 6.1319,
1.3448

■ 18.2343, 19.7500,
24.5021

■ 7.8338, 5.4952,
0.8546

■ 19.9795, 21.9412,
29.0894

■ 7.6253, 5.1413,
0.5905

■ 21.8772, 24.2992,
34.1529

■ 23.9309, 26.8276,
39.7056

■ 26.1443, 29.5297,
45.7604

Harmonies

Analogous

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



12.3561, 11.1635, 9.8741



11.6524, 11.1635, 8.1972



10.7016, 11.1635, 7.5649

Triad

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



11.6524, 11.1635, 8.1972



8.8556, 11.1635, 11.8970



11.4859, 11.1635, 17.5476

Complementary

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



11.6524, 11.1635, 8.1972



10.3439, 11.6112, 17.3187

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.



10.5201, 11.1635, 18.3046



11.6524, 11.1635, 8.1972



9.0377, 11.1635, 14.7630

Square

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



11.6524, 11.1635, 8.1972



9.1195, 11.1635, 9.4872



9.6328, 11.1635, 17.2176



12.2559, 11.1635, 15.2815

Rectangle

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



11.6524, 11.1635, 8.1972



10.0686, 11.1635, 7.7358



9.6328, 11.1635, 17.2176



11.1716, 11.1635, 18.0007

Sweetspot

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



11.6527, 11.1640, 8.1974



25.6050, 26.3212, 25.9611



11.5814, 9.4451, 13.0338



5.8646, 6.0126, 5.8640



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.6527, 11.1640, 8.1974



19.6214, 18.2724, 11.8868



13.4355, 14.7297, 8.7917



3.4759, 3.5842, 3.5820



8.6318, 5.7961, 0.6638



42.2352, 27.3456, 3.0522

Inverse Universe

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



10.3439, 11.6112, 17.3187



16.9059, 19.1931, 30.7891



8.7559, 8.4353, 16.7894



3.3766, 3.6185, 4.2747



5.9438, 6.4780, 18.6587



28.7647, 30.5813, 92.6659

Previews

White Background



This preview shows how the XYZ color 11.6524, 11.1635, 8.1972 looks on a white background.

Color Contrast Check

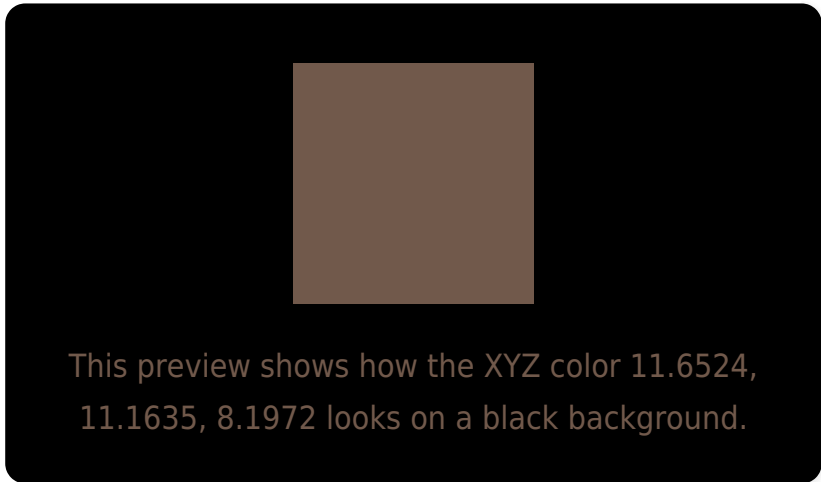
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

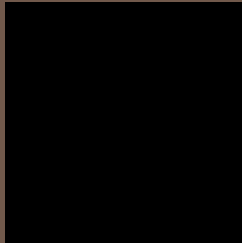
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6524, 11.1635, 8.1972

Background



This preview shows how black text looks on a background with the XYZ color 11.6524, 11.1635, 8.1972.

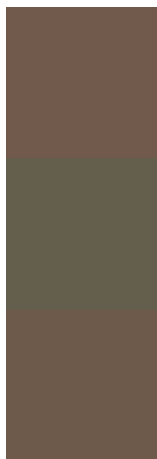


This preview shows how white text looks on a background with the XYZ color 11.6524, 11.1635,

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

11.6524, 11.1635, 8.1972

Protanopia

10.5978, 11.2506, 8.6342

Deuteranopia

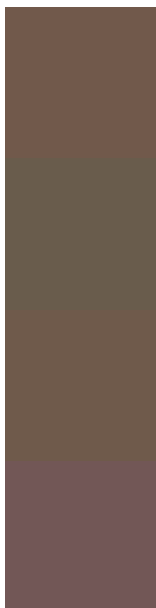
11.3566, 11.1353, 8.2074



Tritanopia

12.3738, 11.0907, 11.8445

Trichromacy



Original Color

11.6524, 11.1635, 8.1972

Protanomaly

10.9574, 11.1794, 8.4178

Deuteranomaly

11.4817, 11.1998, 8.2132

Tritanomaly

12.0273, 11.0657, 10.3061

Monochromacy



Original Color

11.6524, 11.1635, 8.1972

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1553, 11.3581, 10.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6524, 11.1635, 8.1972 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(113, 89, 75)` looks like.

```
.text, #text, p{  
    color:rgb(113, 89, 75)  
}
```

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(113, 89, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 89, 75) }
```

Border

The CSS property to change the border of an element to XYZ 11.6524, 11.1635, 8.1972 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(113, 89, 75) }
```


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

```
.border{ border-color:rgb(113, 89, 75) }
```

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

Here you see how a box with a 4 pixel rgb(113, 89, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 89, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 89, 75);  
box-shadow:4px 4px 4px 4px rgb(113, 89,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6524, 11.1635, 8.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 89, 75) }
```

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

```
.background{ background-color: rgb(113, 89,  
75) }
```

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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