

Converting Colors

XYZ(11.5816, 12.0525, 14.1126)

Have a look what the booklet for
XYZ(11.5816, 12.0525, 14.1126)
contains.

XYZ(11.5534, 12.0304, 14.0251)	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(11.5534, 12.0304,
14.0251)**

Conversions

Conversions Part 1

Format	Color
Hex	616165
RGB	97, 97, 101
RGB Percent	38%, 38%, 40%
CMY	0.6196, 0.6196, 0.6039
CMYK	0.04, 0.04, 0.00, 0.60
HSL	240°, 2%, 39%
HSV	240°, 4%, 40%
XYZ	11.5534, 12.0304, 14.0251
YIQ	97.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

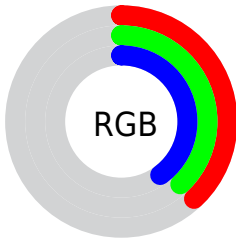
Format	Color
R_{YB}	97, 97, 101
Decimal	6381925
CIE Lab	41.26, 0.85, -2.27
CIE LCh	41, 2.428, 290.548
Yxy	12.0304, 0.3072, 0.3199
Android (android.graphics.Color)	4284572005 (0xFF616165)
YUV	97.4560, 1.7472, -0.3999
Hunter-Lab	34.6849, -1.2408, 0.3050

Details

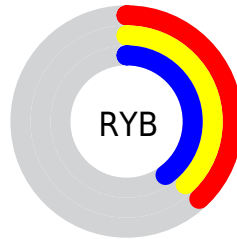
The XYZ color **11.5534, 12.0304, 14.0251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1781, 12.9368, 13.1645**, and the grayscale version is **11.4709, 12.0683, 13.1424**.

A 20% lighter version of the original color is **28.4701, 29.7427, 33.9461**, and **3.2149, 3.3378, 3.9648** is the 20% darker color. If you saturate the color by 10%, you get **9.6710, 9.7628, 13.6868**, and if you desaturate by 10%, it is **13.6922, 14.6071, 14.4099**.

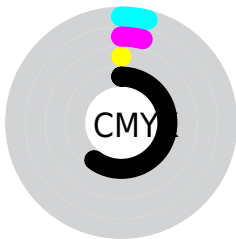
Distribution



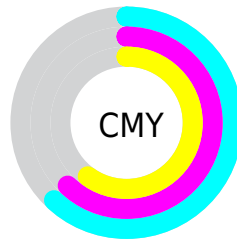
- Red (38%)
- Green (38%)
- Blue (40%)



- Red (38%)
- Yellow (38%)
- Blue (40%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5534, 12.0304, 14.0251 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 11.5534, 12.0304, 14.0251 by changing the saturation by 10% instead.

■ 11.5534, 12.0304,
14.0251

■ 11.5534, 12.0304,
14.0251

195.2567,
204.6064, 228.8208

■ 6.5104, 6.7644,
7.9992

■ 28.3030, 29.5505,
33.8513

■ 3.2014, 3.3152,
4.0067

■ 40.7403, 42.5733,
48.4887

■ 1.2612, 1.2984,
1.6290

■ 56.3731, 58.9505,
66.8337

■ 0.1539, 0.1400,
0.3114

■ 75.5668, 79.0666,
89.3047

■ 0.0000, 0.0000,
0.0000

98.6866, 103.3058,
116.3204

126.0980,

132.0525, 148.2993

158.1662,
165.6913, 185.6599

■ 11.5534, 12.0304,
14.0251

■ 11.5534, 12.0304,
14.0251

■ 9.6710, 9.7628,
13.6868

■ 13.6922, 14.6071,
14.4099

■ 8.0345, 7.7911,
13.3925

■ 16.0955, 17.5023,
14.8421

■ 6.6339, 6.1037,
13.1406

■ 18.7722, 20.7268,
15.3234

■ 5.4585, 4.6874,
12.9292

■ 21.7306, 24.2905,
15.8553

■ 4.4964, 3.5282,
12.7561

■ 24.9786, 28.2030,
16.4393

■ 3.7349, 2.6106,
12.6192

■ 28.5237, 32.4734,
17.0768

■ 3.1599, 1.9175,
12.5157

■ 32.3732, 37.1105,
17.7689

■ 2.7552, 1.4297,
12.4429

■ 36.5343, 42.1227,
18.5170

■ 2.4922, 1.1127,
12.3955

■ 41.0136, 47.5183,
19.3224

Harmonies

Analogous

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



11.3792, 12.0304, 14.0758



11.5534, 12.0304, 14.0251



11.6971, 12.0304, 13.7229

Triad

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



11.5534, 12.0304, 14.0251



11.6503, 12.0304, 12.3668



11.1049, 12.0304, 12.9410

Complementary

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



11.5534, 12.0304, 14.0251



12.1781, 12.9368, 13.1645

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.



11.1759, 12.0304, 12.4944



11.5534, 12.0304, 14.0251



11.4900, 12.0304, 12.1686

Square

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



11.5534, 12.0304, 14.0251



11.7535, 12.0304, 12.7627



11.3165, 12.0304, 12.2147



11.1214, 12.0304, 13.4412

Rectangle

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



11.5534, 12.0304, 14.0251



11.7557, 12.0304, 13.4236



11.3165, 12.0304, 12.2147



11.1193, 12.0304, 12.7798

Sweetspot

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



11.5537, 12.0309, 14.0254



20.8653, 21.8954, 24.2632



11.9293, 12.7872, 14.1344



5.1417, 5.3968, 5.9714



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.5537, 12.0309, 14.0254



19.4312, 20.1677, 24.0053



11.7621, 12.1380, 14.0350



2.8682, 2.9751, 3.5550



3.0810, 1.2337, 16.2201



16.0663, 6.4293, 84.5956

Inverse Universe

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



11.7994, 12.1793, 13.0389



19.9745, 20.4958, 21.8238



11.9644, 12.8270, 13.1546



2.9520, 3.0257, 3.2185



7.0378, 3.6281, 0.3315



36.7047, 18.9219, 1.7223

Previews

White Background



This preview shows how the XYZ color 11.5534, 12.0304, 14.0251 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 11.5534, 12.0304, 14.0251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

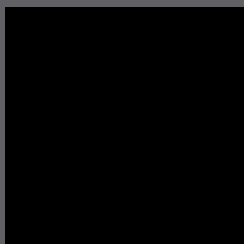
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

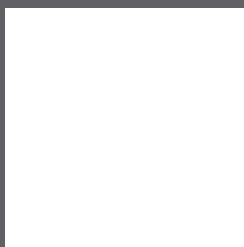
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5534, 12.0304, 14.0251

Background



This preview shows how black text looks on a background with the XYZ color 11.5534, 12.0304, 14.0251.



This preview shows how white text looks on a background with the XYZ color 11.5534, 12.0304,

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

11.5534, 12.0304, 14.0251

Protanopia

11.6607, 12.0856, 14.0301

Deuteranopia

12.2267, 11.9680, 14.2360



Tritanopia

11.7031, 12.0903, 14.8135

Trichromacy



Original Color

11.5534, 12.0304, 14.0251

Protanomaly

11.6607, 12.0856, 14.0301

Deuteranomaly

11.9700, 11.9685, 14.2496

Tritanomaly

11.6526, 12.0700, 14.5476

Monochromacy



Original Color

11.5534, 12.0304, 14.0251

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4091, 11.9726, 13.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5534, 12.0304, 14.0251 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(97, 97, 101) looks like.

```
.text, #text, p{  
    color:rgb(97, 97, 101)  
}
```

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(97, 97, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 97, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.5534, 12.0304, 14.0251 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(97, 97, 101) }
```


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

```
.border{ border-color:rgb(97, 97, 101) }
```

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

Here you see how a box with a 4 pixel rgb(97, 97, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 97, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 97, 101);  
box-shadow:4px 4px 4px 4px rgb(97, 97,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5534, 12.0304, 14.0251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 97, 101) }
```

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

```
.background{ background-color: rgb(97, 97,  
101) }
```

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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