

Converting Colors

XYZ(11.6571, 11.6734, 14.2092)

Have a look what the booklet for
XYZ(11.6571, 11.6734, 14.2092)
contains.

XYZ(11.6565, 11.6740, 14.2093)	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(11.6565, 11.6740,
14.2093)**

Conversions

Conversions Part 1

Format	Color
Hex	645E66
RGB	100, 94, 102
RGB Percent	39%, 37%, 40%
CMY	0.6078, 0.6314, 0.6000
CMYK	0.02, 0.08, 0.00, 0.60
HSL	285°, 4%, 38%
HSV	285°, 8%, 40%
XYZ	11.6565, 11.6740, 14.2093
YIQ	96.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

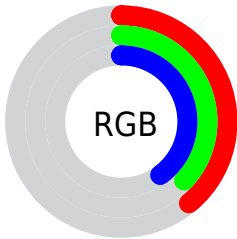
Format	Color
R_{YB}	100, 94, 102
Decimal	6577766
CIE _{Lab}	40.69, 4.05, -3.70
CIE _{LCh}	41, 5.484, 317.586
Yxy	11.6740, 0.3105, 0.3110
Android (android.graphics.Color)	4284767846 (0xFF645E66)
YUV	96.7060, 2.6099, 2.8888
Hunter-Lab	34.1672, 1.1044, -0.7402

Details

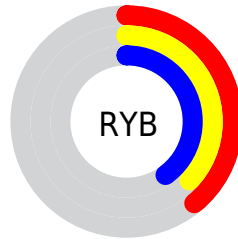
The XYZ color **11.6565, 11.6740, 14.2093** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5960, 12.7980, 12.4493**, and the grayscale version is **11.2841, 11.8717, 12.9283**.

A 20% lighter version of the original color is **28.4855, 28.8257, 34.1996**, and **3.2147, 3.1466, 4.0524** is the 20% darker color. If you saturate the color by 10%, you get **10.5312, 9.8355, 13.9139**, and if you desaturate by 10%, it is **12.9112, 13.7578, 14.5456**.

Distribution



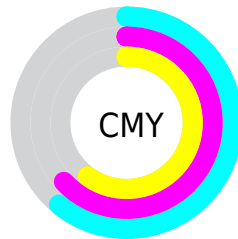
- Red (39%)
- Green (37%)
- Blue (40%)



- Red (39%)
- Yellow (37%)
- Blue (40%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6565, 11.6740, 14.2093 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 11.6565, 11.6740, 14.2093 by changing the saturation by 10% instead.

■ 11.6565, 11.6740,
14.2093

■ 11.6565, 11.6740,
14.2093

195.9345,
202.2350, 230.0026

■ 6.5808, 6.5221,
8.1260

■ 28.4902, 28.9000,
34.1824

■ 3.2453, 3.1651,
4.0867

■ 40.9790, 41.7428,
48.9092

■ 1.2848, 1.2185,
1.6730

■ 56.6694, 57.9181,
67.3543

■ 0.1718, 0.0767,
0.3422

■ 75.9269, 77.8102,
89.9362

■ 0.0000, 0.0000,
0.0000

99.1168, 101.8036,
117.0735

126.6044,

130.2826, 149.1846

158.7552,
163.6316, 186.6881

■ 11.6565, 11.6740,
14.2093

■ 11.6565, 11.6740,
14.2093

■ 10.5312, 9.8355,
13.9139

■ 12.9112, 13.7578,
14.5456

■ 9.5296, 8.2315,
13.6571

■ 14.2987, 16.0943,
14.9234

■ 8.6469, 6.8524,
13.4374

■ 15.8237, 18.6924,
15.3445

■ 7.8777, 5.6877,
13.2532

■ 17.4902, 21.5601,
15.8102

■ 7.2162, 4.7255,
13.1023

■ 19.3022, 24.7051,
16.3218

6.6558, 3.9534,
12.9828

21.2633, 28.1348,
16.8804

6.1896, 3.3570,
12.8923

23.3773, 31.8562,
17.4873

5.8093, 2.9202,
12.8280

25.6474, 35.8763,
18.1436

5.4868, 2.5870,
12.7807

28.0772, 40.2015,
18.8504

Harmonies

Analogous

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



11.3230, 11.6740, 14.8615



11.6565, 11.6740, 14.2093



11.8415, 11.6740, 13.1765

Triad

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



11.6565, 11.6740, 14.2093



11.2572, 11.6740, 10.7340



10.3988, 11.6740, 13.3684

Complementary

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



11.6565, 11.6740, 14.2093



11.5960, 12.7980, 12.4493

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.



10.3821, 11.6740, 12.2566



11.6565, 11.6740, 14.2093



10.8716, 11.6740, 10.7787

Square

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



11.6565, 11.6740, 14.2093



11.6073, 11.6740, 11.1960



10.5533, 11.6740, 11.3219



10.5995, 11.6740, 14.3569

Rectangle

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



11.6565, 11.6740, 14.2093



11.8529, 11.6740, 12.4306



10.5533, 11.6740, 11.3219



10.3716, 11.6740, 12.9955

Sweetspot

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



11.6568, 11.6745, 14.2096



21.6876, 22.5343, 25.2522



11.2098, 11.7295, 14.2437



5.1257, 5.3317, 5.9597



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.



11.6568, 11.6745, 14.2096



20.1501, 19.9917, 24.8424



11.7892, 11.7533, 13.7380



2.8725, 2.8563, 3.5319



6.9236, 3.2134, 16.3997



35.2819, 16.3327, 85.4944

Inverse Universe

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



11.5939, 11.6752, 12.7093



20.0226, 19.9941, 21.7567



11.4730, 12.7248, 12.8860



2.8550, 2.8566, 3.1088



7.2553, 3.7151, 1.4770



37.5344, 19.2538, 6.0917

Previews

White Background



This preview shows how the XYZ color 11.6565, 11.6740, 14.2093 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 11.6565, 11.6740, 14.2093 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 11.6565, 11.6740, 14.2093

Background



This preview shows how black text looks on a background with the XYZ color 11.6565, 11.6740, 14.2093.

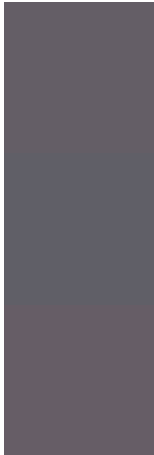


This preview shows how white text looks on a background with the XYZ color 11.6565, 11.6740,

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

11.6565, 11.6740, 14.2093

Protanopia

11.3643, 11.6505, 14.4818

Deuteranopia

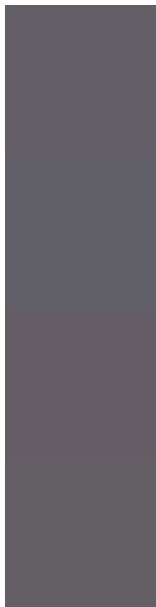
11.7921, 11.6128, 14.1904



Tritanopia

11.6072, 11.6543, 13.9497

Trichromacy



Original Color

11.6565, 11.6740, 14.2093

Protanomaly

11.4702, 11.7051, 14.4867

Deuteranomaly

11.6795, 11.5547, 14.1851

Tritanomaly

11.6072, 11.6543, 13.9497

Monochromacy



Original Color

11.6565, 11.6740, 14.2093

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4720, 11.8633, 13.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6565, 11.6740, 14.2093 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(100, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 94, 102)  
}
```

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(100, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 94, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.6565, 11.6740, 14.2093 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(100, 94, 102) }
```


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

```
.border{ border-color:rgb(100, 94, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 94, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(100, 94,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6565, 11.6740, 14.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 94, 102) }
```

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

```
.background{ background-color: rgb(100, 94,  
102) }
```

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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