

Converting Colors

XYZ(14.6497, 14.6106, 15.1418)

Have a look what the booklet for
XYZ(14.6497, 14.6106, 15.1418)
contains.

XYZ(14.6515, 14.6131, 15.1451)	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(14.6515, 14.6131,
15.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	746868
RGB	116, 104, 104
RGB Percent	45%, 41%, 41%
CMY	0.5451, 0.5921, 0.5922
CMYK	0.00, 0.10, 0.10, 0.55
HSL	0°, 5%, 43%
HSV	0°, 10%, 45%
XYZ	14.6515, 14.6131, 15.1451
YIQ	107.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

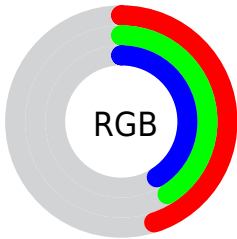
Format	Color
R_{YB}	116, 104, 104
Decimal	7628904
CIE Lab	45.10, 4.73, 1.72
CIE LCh	45, 5.034, 19.961
Yxy	14.6131, 0.3299, 0.3291
Android (android.graphics.Color)	4285818984 (0xFF746868)
YUV	107.5880, -1.7689, 7.3773
Hunter-Lab	38.2271, 1.5173, 3.2690

Details

The XYZ color **14.6515, 14.6131, 15.1451** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1067, 16.6946, 18.9495**, and the grayscale version is **14.1424, 14.8789, 16.2031**.

A 20% lighter version of the original color is **33.7862, 34.1341, 35.8182**, and **4.5855, 4.4506, 4.4883** is the 20% darker color. If you saturate the color by 10%, you get **13.0142, 12.2174, 11.8896**, and if you desaturate by 10%, it is **16.5313, 17.3637, 18.8818**.

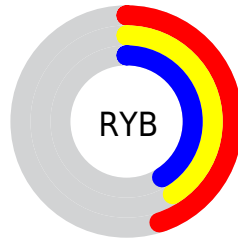
Distribution



Red (45%)

Green (41%)

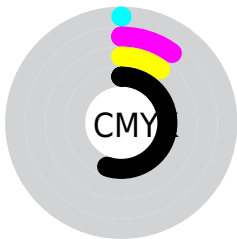
Blue (41%)



Red (45%)

Yellow (41%)

Blue (41%)

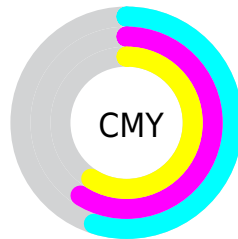


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6515, 14.6131, 15.1451 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 14.6515, 14.6131, 15.1451 by changing the saturation by 10% instead.

■ 14.6515, 14.6131,
15.1451

■ 14.6515, 14.6131,
15.1451

214.6775,
221.0123, 235.9138

■ 8.6599, 8.5483,
8.7735

■ 33.8173, 34.1730,
35.8534

■ 4.5753, 4.4478,
4.4990

■ 47.7223, 48.4369,
51.0273

■ 2.0325, 1.9270,
1.9029

■ 64.9957, 66.2026,
69.9723

■ 0.6521, 0.5646,
0.4946

■ 86.0030, 87.8545,
93.1070

■ 0.0000, 0.0000,
0.0000

111.1094,
113.7771, 120.8499

140.6804,

144.3546, 153.6197

175.0813,
179.9716, 191.8348

■ 14.6515, 14.6131,
15.1451

■ 14.6515, 14.6131,
15.1451

■ 13.0142, 12.2174,
11.8896

■ 16.5313, 17.3637,
18.8818

■ 11.6084, 10.1603,
9.0947

■ 18.6616, 20.4809,
23.1171

■ 10.4239, 8.4271,
6.7401

■ 21.0516, 23.9780,
27.8686

■ 9.4496, 7.0014,
4.8033

■ 23.7096, 27.8672,
33.1531

■ 8.6732, 5.8652,
3.2598

■ 26.6435, 32.1602,
38.9863

■ 8.0810, 4.9987,
2.0828

■ 29.8611, 36.8682,
45.3834

■ 7.6580, 4.3796,
1.2419

■ 33.3696, 42.0019,
52.3589

■ 7.3863, 3.9821,
0.7020

■ 37.1761, 47.5717,
59.9270

■ 7.2028, 3.7135,
0.3371

■ 41.2875, 53.5874,
68.1013

Harmonies

Analogous

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



14.6885, 14.6131, 16.3122



14.6515, 14.6131, 15.1451



14.4080, 14.6131, 14.2279

Triad

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



14.6515, 14.6131, 15.1451



13.2884, 14.6131, 14.4884



13.7509, 14.6131, 18.2647

Complementary

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



14.6515, 14.6131, 15.1451



15.1067, 16.6946, 18.9495

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.



13.3832, 14.6131, 17.7223



14.6515, 14.6131, 15.1451



13.1197, 14.6131, 15.5168

Square

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



14.6515, 14.6131, 15.1451



13.6192, 14.6131, 13.8620



13.1540, 14.6131, 16.7027



14.1630, 14.6131, 18.1530

Rectangle

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



14.6515, 14.6131, 15.1451



14.1640, 14.6131, 13.8629



13.1540, 14.6131, 16.7027



13.6182, 14.6131, 18.1519

Sweetspot

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



14.6519, 14.6137, 15.1454



28.1132, 29.1386, 31.3108



15.3054, 14.8748, 18.5877



6.6492, 6.8671, 7.3551



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.6519, 14.6137, 15.1454



25.1581, 24.8146, 25.4359



15.2773, 15.8646, 15.3539



3.6840, 3.7009, 3.8625



8.0830, 4.1673, 0.3783



39.3890, 20.3064, 1.8435

Inverse Universe

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



15.1067, 16.6946, 18.9495



26.0969, 29.1097, 33.2878



14.4375, 15.3561, 18.7264



3.7833, 4.1552, 4.6929



10.5440, 15.4277, 20.9647



51.3816, 75.1797, 102.1633

Previews

White Background



This preview shows how the XYZ color 14.6515, 14.6131, 15.1451 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 14.6515, 14.6131, 15.1451 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 14.6515, 14.6131, 15.1451

Background



This preview shows how black text looks on a background with the XYZ color 14.6515, 14.6131, 15.1451.



This preview shows how white text looks on a background with the XYZ color 14.6515, 14.6131,

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

14.6515, 14.6131, 15.1451

Protanopia

14.0105, 14.5792, 15.4402

Deuteranopia

14.8202, 14.5515, 15.1243



Tritanopia

15.0556, 14.6301, 17.0693

Trichromacy



Original Color

14.6515, 14.6131, 15.1451

Protanomaly

14.2835, 14.5678, 15.4237

Deuteranomaly

14.6851, 14.4819, 15.1180

Tritanomaly

14.8931, 14.5651, 16.2138

Monochromacy



Original Color

14.6515, 14.6131, 15.1451

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4671, 14.9564, 16.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6515, 14.6131, 15.1451 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(116, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(116, 104, 104)  
}
```

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(116, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.6515, 14.6131, 15.1451 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(116, 104, 104) }
```


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

```
.border{ border-color:rgb(116, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(116, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6515, 14.6131, 15.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 104, 104) }
```

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

```
.background{ background-color: rgb(116,  
104, 104) }
```

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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