

Converting Colors

XYZ(11.7031, 14.8284, 15.1109)

Have a look what the booklet for
XYZ(11.7031, 14.8284, 15.1109)
contains.

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Color

**XYZ(11.7208, 14.8604,
15.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7367
RGB	78, 115, 103
RGB Percent	31%, 45%, 40%
CMY	0.6941, 0.5490, 0.5961
CMYK	0.32, 0.00, 0.10, 0.55
HSL	161°, 19%, 38%
HSV	161°, 32%, 45%
XYZ	11.7208, 14.8604, 15.0826
YIQ	102.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

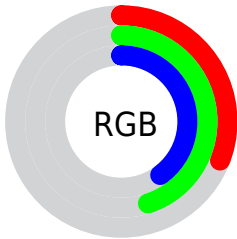
Format	Color
RYB	78, 100, 115
Decimal	5141351
CIELab	45.44, -15.97, 2.45
CIElCh	45, 16.153, 171.268
Yxy	14.8604, 0.2813, 0.3567
Android (android.graphics.Color)	4283331431 (0xFF4E7367)
YUV	102.5690, 0.2125, -21.5470
Hunter-Lab	38.5492, -13.1885, 3.7869

Details

The XYZ color **11.7208, 14.8604, 15.0826** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.6406, 9.8322, 10.9577**, and the grayscale version is **12.7817, 13.4473, 14.6441**.

A 20% lighter version of the original color is **28.5535, 34.5597, 35.7376**, and **3.2860, 4.5911, 4.4544** is the 20% darker color. If you saturate the color by 10%, you get **10.6768, 14.3437, 14.0783**, and if you desaturate by 10%, it is **12.9388, 15.4666, 16.1393**.

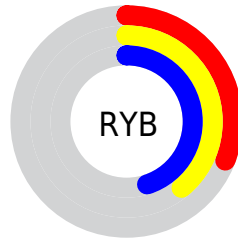
Distribution



Red (31%)

Green (45%)

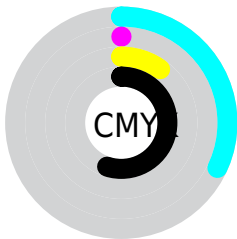
Blue (40%)



Red (31%)

Yellow (39%)

Blue (45%)

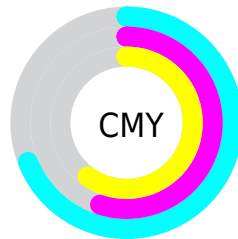


Cyan (32%)

Magenta (0%)

Yellow (10%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7208, 14.8604, 15.0826 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 11.7208, 14.8604, 15.0826 by changing the saturation by 10% instead.

■ 11.7208, 14.8604,
15.0826

■ 11.7208, 14.8604,
15.0826

196.3559,
222.5197, 235.5236

■ 6.6247, 8.7215,
8.7301

■ 28.6069, 34.6081,
35.7424

■ 3.2727, 4.5600,
4.4712

■ 41.1275, 48.9856,
50.8867

■ 1.2996, 1.9915,
1.8872

■ 56.8538, 66.8782,
69.7988

■ 0.1829, 0.6025,
0.4846

■ 76.1509, 88.6701,
92.8971

■ 0.0000, 0.0000,
0.0000

■ 99.3844, 114.7459,
120.6002

126.9195,

145.4898, 153.3266

159.1215,
181.2862, 191.4949

■ 11.7208, 14.8604,
15.0826

■ 11.7208, 14.8604,
15.0826

■ 10.6768, 14.3437,
14.0783

■ 12.9388, 15.4666,
16.1393

■ 9.7968, 13.9103,
13.1245

■ 14.3377, 16.1646,
17.2483

■ 9.0719, 13.5558,
12.2203

■ 15.9253, 16.9590,
18.4108

■ 8.4915, 13.2750,
11.3649

■ 17.7088, 17.8533,
19.6277

■ 8.0438, 13.0616,
10.5569

■ 19.6950, 18.8511,
20.8999

■ 7.7147, 12.9084,
9.7952

■ 21.8902, 19.9557,
22.2281

■ 7.4954, 12.8077,
9.2288

■ 24.3005, 21.1701,
23.6132

■ 26.9319, 22.4974,
25.0559

■ 29.7900, 23.9405,
26.5570

Harmonies

Analogous

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



12.2027, 14.8604, 11.9772



11.7208, 14.8604, 15.0826



11.8503, 14.8604, 19.0165

Triad

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



11.7208, 14.8604, 15.0826



15.0827, 14.8604, 24.1045



15.8039, 14.8604, 11.0662

Complementary

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



11.7208, 14.8604, 15.0826



11.6406, 9.8322, 10.9577

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.



16.6723, 14.8604, 13.6414



11.7208, 14.8604, 15.0826



16.2379, 14.8604, 21.2673

Square

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



11.7208, 14.8604, 15.0826



13.7356, 14.8604, 24.6542



16.8359, 14.8604, 17.3303



14.5204, 14.8604, 9.9118

Rectangle

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



11.7208, 14.8604, 15.0826



12.2695, 14.8604, 21.5699



16.8359, 14.8604, 17.3303



16.1573, 14.8604, 11.7730

Sweetspot

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



11.7212, 14.8610, 15.0829



26.1902, 29.2031, 31.2756



11.7553, 15.0025, 9.4842



6.1758, 6.9307, 7.4068



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.



11.7212, 14.8610, 15.0829



19.4946, 25.8704, 25.5879



11.6877, 13.7598, 18.2602



3.7352, 4.1360, 4.4394



8.5585, 14.6374, 10.4972



41.3015, 71.1679, 49.0202

Inverse Universe

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



11.6406, 9.8322, 10.9577



19.3268, 15.2855, 16.9147



11.6291, 10.5619, 8.6337



3.7284, 3.7186, 4.0965



8.4607, 4.3180, 2.3684



40.8758, 20.9004, 9.6750

Previews

White Background



This preview shows how the XYZ color 11.7208, 14.8604, 15.0826 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 11.7208, 14.8604, 15.0826 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 11.7208, 14.8604, 15.0826

Background



This preview shows how black text looks on a background with the XYZ color 11.7208, 14.8604, 15.0826.



This preview shows how white text looks on a background with the XYZ color 11.7208, 14.8604,

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

11.7208, 14.8604, 15.0826

Protanopia

14.0654, 14.7957, 13.9189

Deuteranopia

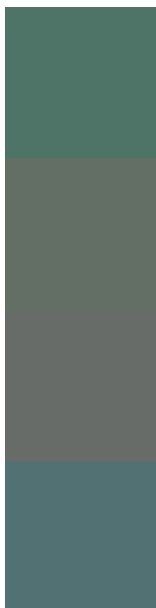
14.9713, 14.7721, 15.4268



Tritanopia

12.7250, 14.7627, 20.2680

Trichromacy



Original Color

11.7208, 14.8604, 15.0826

Protanomaly

13.0218, 14.7246, 14.2124

Deuteranomaly

13.4548, 14.6082, 15.2072

Tritanomaly

12.3357, 14.7745, 18.1212

Monochromacy



Original Color

11.7208, 14.8604, 15.0826

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3220, 13.8743, 14.8605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7208, 14.8604, 15.0826 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(78, 115, 103)` looks like.

```
.text, #text, p{  
    color:rgb(78, 115, 103)  
}
```

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(78, 115, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 115, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.7208, 14.8604, 15.0826 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(78, 115, 103) }
```


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

```
.border{ border-color:rgb(78, 115, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 115, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 115, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 115, 103);  
box-shadow:4px 4px 4px 4px rgb(78, 115,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7208, 14.8604, 15.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 115, 103) }
```

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

```
.background{ background-color: rgb(78, 115,  
103) }
```

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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