

Converting Colors

XYZ(14.8987, 11.7794, 5.9804)

Have a look what the booklet for
XYZ(14.8987, 11.7794, 5.9804)
contains.

XYZ(14.8208, 11.6905, 6.0328)	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(14.8208, 11.6905,
6.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4F3E
RGB	142, 79, 62
RGB Percent	56%, 31%, 24%
CMY	0.4431, 0.6902, 0.7569
CMYK	0.00, 0.44, 0.56, 0.44
HSL	13°, 39%, 40%
HSV	13°, 56%, 56%
XYZ	14.8208, 11.6905, 6.0328
YIQ	95.8990, 43.0050, 8.0690

Conversions

Conversions Part 2

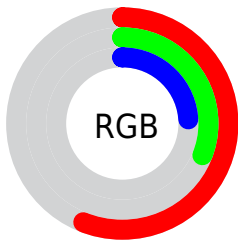
Format	Color
R _Y B	142, 84, 62
Decimal	9326398
CIE Lab	40.72, 24.64, 21.55
CIE LCh	41, 32.731, 41.171
Yxy	11.6905, 0.4554, 0.3592
Android (android.graphics.Color)	4287516478 (0xFF8E4F3E)
YUV	95.8990, -16.7122, 40.4306
Hunter-Lab	34.1914, 17.5388, 13.4727

Details

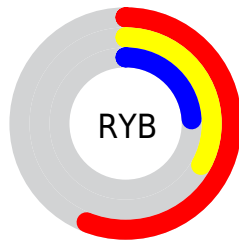
The XYZ color **14.8208, 11.6905, 6.0328** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2024, 17.6436, 28.2481**, and the grayscale version is **11.1259, 11.7053, 12.7471**.

A 20% lighter version of the original color is **34.2179, 28.9684, 18.5398**, and **4.6859, 3.2094, 0.9886** is the 20% darker color. If you saturate the color by 10%, you get **13.7411, 10.0753, 3.9953**, and if you desaturate by 10%, it is **16.1387, 13.6191, 8.6523**.

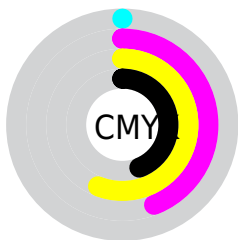
Distribution



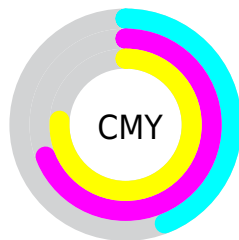
- Red (56%)
- Green (31%)
- Blue (24%)



- Red (56%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (44%)





- Cyan (44%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8208, 11.6905, 6.0328 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 14.8208, 11.6905, 6.0328 by changing the saturation by 10% instead.


 14.8208, 11.6905,
6.0328


 14.8208, 11.6905,
6.0328


215.6889,
202.3454, 168.6798


 8.7792, 6.5333,
2.7959


 34.1127, 28.9301,
18.4778


 4.6534, 3.1720,
0.9914

 48.0938, 41.7814,
28.5230


 2.0780, 1.2222,
0.0000

 65.4521, 57.9661,
41.6747

 0.6772, 0.0797,
0.0000

 86.5529, 77.8686,
58.3514

 0.0000, 0.0000,
0.0000

 111.7617,
101.8735, 78.9718

 141.4437,

130.3649, 103.9542

175.9643,
163.7275, 133.7174

■ 14.8208, 11.6905,
6.0328

■ 14.8208, 11.6905,
6.0328

■ 13.7411, 10.0753,
3.9953

■ 16.1387, 13.6191,
8.6523

■ 12.8837, 8.7548,
2.4942

■ 17.7073, 15.8747,
11.8934

■ 12.2323, 7.7111,
1.4779

■ 19.5396, 18.4725,
15.7930

■ 11.7637, 6.9221,
0.8654

■ 21.6472, 21.4260,
20.3848

■ 11.6242, 6.6885,
0.6783

■ 24.0409, 24.7481,
25.7004

■ 26.7311, 28.4509,
31.7691

■ 29.7277, 32.5460,
38.6190

■ 33.0399, 37.0447,
46.2765

■ 36.6767, 41.9576,
54.7667

Harmonies

Analogous

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



16.0900, 11.6905, 10.4100



14.8208, 11.6905, 6.0328



12.6150, 11.6905, 4.0594

Triad

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



14.8208, 11.6905, 6.0328



7.4001, 11.6905, 9.0334



11.9987, 11.6905, 29.8360

Complementary

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



14.8208, 11.6905, 6.0328



14.2024, 17.6436, 28.2481

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.



9.7324, 11.6905, 29.0630



14.8208, 11.6905, 6.0328



7.2831, 11.6905, 15.3691

Square

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



14.8208, 11.6905, 6.0328



8.4249, 11.6905, 5.3283



8.0793, 11.6905, 23.1329



14.3159, 11.6905, 24.9776

Rectangle

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



14.8208, 11.6905, 6.0328



11.0206, 11.6905, 3.7496



8.0793, 11.6905, 23.1329



11.2029, 11.6905, 30.2605

Sweetspot

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



14.8211, 11.6911, 6.0330



37.7727, 37.2245, 35.0669



16.6439, 10.7025, 20.9272



8.2888, 8.1077, 7.5082



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.8211, 11.6911, 6.0330



23.7256, 16.9965, 6.1342



18.5033, 19.0555, 7.2604



5.4960, 5.5984, 5.6803



10.4485, 6.0286, 0.6129



0.1134, 0.0847, 0.0104

Inverse Universe

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



14.2024, 17.6436, 28.2481



22.4668, 28.5021, 49.4452



10.1970, 9.6328, 26.9130



5.4643, 5.9244, 6.8843



9.5817, 12.1494, 24.8171



0.1073, 0.1475, 0.2425

Previews

White Background



This preview shows how the XYZ color 14.8208, 11.6905, 6.0328 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 14.8208, 11.6905, 6.0328 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 14.8208, 11.6905, 6.0328

Background



This preview shows how black text looks on a background with the XYZ color 14.8208, 11.6905, 6.0328.



This preview shows how white text looks on a background with the XYZ color 14.8208, 11.6905,

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

14.8208, 11.6905, 6.0328

Protanopia

10.9660, 11.7385, 7.3180

Deuteranopia

11.9527, 11.7520, 5.7761



Tritanopia

15.4351, 11.6177, 9.4116

Trichromacy



Original Color

14.8208, 11.6905, 6.0328

Protanomaly

12.1107, 11.5572, 6.7467

Deuteranomaly

12.8280, 11.5783, 5.8337

Tritanomaly

15.2516, 11.6554, 8.1025

Monochromacy



Original Color

14.8208, 11.6905, 6.0328

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.0664, 11.4631, 9.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8208, 11.6905, 6.0328 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(142, 79, 62)` looks like.

```
.text, #text, p{  
    color:rgb(142, 79, 62)  
}
```

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(142, 79, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 79, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.8208, 11.6905, 6.0328 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(142, 79, 62) }
```


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

```
.border{ border-color:rgb(142, 79, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 79, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 79, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 79, 62);  
box-shadow:4px 4px 4px 4px rgb(142, 79,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8208, 11.6905, 6.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 79, 62) }
```

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

```
.background{ background-color: rgb(142, 79,  
62) }
```

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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