

Converting Colors

XYZ(14.7719, 12.2113, 6.5795)

Have a look what the booklet for
XYZ(14.7719, 12.2113, 6.5795)
contains.

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Color

**XYZ(14.7719, 12.2113,
6.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5441
RGB	139, 84, 65
RGB Percent	55%, 33%, 25%
CMY	0.4549, 0.6706, 0.7451
CMYK	0.00, 0.40, 0.53, 0.45
HSL	15°, 36%, 40%
HSV	15°, 53%, 55%
XYZ	14.7719, 12.2113, 6.5795
YIQ	98.2790, 38.8790, 5.7510

Conversions

Conversions Part 2

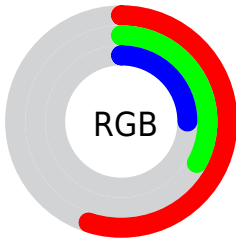
Format	Color
R_{YB}	139, 91, 65
Decimal	9131073
CIE Lab	41.55, 20.76, 20.74
CIE LCh	42, 29.349, 44.968
Yxy	12.2113, 0.4401, 0.3638
Android (android.graphics.Color)	4287321153 (0xFF8B5441)
YUV	98.2790, -16.4065, 35.7123
Hunter-Lab	34.9447, 14.3028, 13.2979

Details

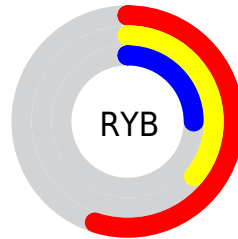
The XYZ color **14.7719, 12.2113, 6.5795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.5562, 16.4199, 26.8808**, and the grayscale version is **11.7122, 12.3221, 13.4188**.

A 20% lighter version of the original color is **34.0114, 29.8446, 19.5908**, and **4.6757, 3.4226, 1.1732** is the 20% darker color. If you saturate the color by 10%, you get **13.6742, 10.5830, 4.4657**, and if you desaturate by 10%, it is **16.0876, 14.1171, 9.2552**.

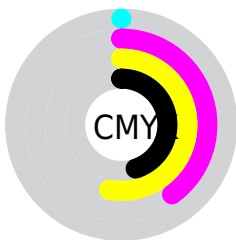
Distribution



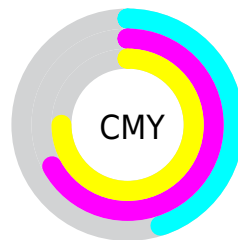
- Red (55%)
- Green (33%)
- Blue (25%)



- Red (55%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (53%)
- Black (45%)





- Cyan (45%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7719, 12.2113, 6.5795 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 14.7719, 12.2113, 6.5795 by changing the saturation by 10% instead.


 14.7719, 12.2113,
6.5795


 14.7719, 12.2113,
6.5795


215.3973,
205.7992, 173.6186


 8.7447, 6.8878,
3.1261


 34.0275, 29.8794,
19.6204


 4.6308, 3.3920,
1.1594

 47.9866, 42.9927,
30.0450


 2.0648, 1.3396,
0.0000

 65.3204, 59.4713,
43.6304

 0.6700, 0.1716,
0.0000

 86.3943, 79.6998,
60.7952

 0.0000, 0.0000,
0.0000

 111.5735,
104.0624, 81.9578

 141.2235,

132.9436, 107.5369

175.7097,
166.7277, 137.9510

■ 14.7719, 12.2113,
6.5795

■ 14.7719, 12.2113,
6.5795

■ 13.6742, 10.5830,
4.4657

■ 16.0876, 14.1171,
9.2552

■ 12.7811, 9.2170,
2.8723

■ 17.6319, 16.3108,
12.5287

■ 12.0788, 8.0994,
1.7532

■ 19.4157, 18.8046,
16.4339

■ 11.5513, 7.2143,
1.0536

■ 21.4490, 21.6095,
21.0016

■ 11.2691, 6.7324,
0.7055

■ 23.7413, 24.7357,
26.2610

■ 26.3012, 28.1933,
32.2392

■ 29.1374, 31.9916,
38.9620

■ 32.2578, 36.1397,
46.4539

■ 35.6703, 40.6464,
54.7383

Harmonies

Analogous

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



16.0586, 12.2113, 10.4756



14.7719, 12.2113, 6.5795



12.7080, 12.2113, 4.8465

Triad

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



14.7719, 12.2113, 6.5795



8.0651, 12.2113, 10.4648



12.7033, 12.2113, 28.2612

Complementary

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



14.7719, 12.2113, 6.5795



13.5562, 16.4199, 26.8808

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.



10.5705, 12.2113, 28.2556



14.7719, 12.2113, 6.5795



8.0642, 12.2113, 16.5820

Square

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



14.7719, 12.2113, 6.5795



8.9317, 12.2113, 6.5737



8.9290, 12.2113, 23.4984



14.7681, 12.2113, 23.5120

Rectangle

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



14.7719, 12.2113, 6.5795



11.2534, 12.2113, 4.6654



8.9290, 12.2113, 23.4984



11.9669, 12.2113, 28.8538

Sweetspot

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



14.7722, 12.2119, 6.5797



37.2300, 37.0754, 34.9350



15.9583, 10.6379, 19.1410



8.4261, 8.3328, 7.7063



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.



14.7722, 12.2119, 6.5797



24.1134, 18.3862, 7.3061



18.3783, 19.4241, 7.7818



5.1305, 5.2439, 5.2942



10.1834, 6.1011, 0.6409



0.0781, 0.0613, 0.0077

Inverse Universe

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



13.5562, 16.4199, 26.8808



21.6512, 26.6958, 47.7546



9.9719, 9.2513, 25.6860



5.0660, 5.4749, 6.3956



8.6251, 10.5205, 23.6218



0.0691, 0.0935, 0.1608

Previews

White Background



This preview shows how the XYZ color 14.7719, 12.2113, 6.5795 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 14.7719, 12.2113, 6.5795 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 14.7719, 12.2113, 6.5795

Background



This preview shows how black text looks on a background with the XYZ color 14.7719, 12.2113, 6.5795.



This preview shows how white text looks on a background with the XYZ color 14.7719, 12.2113,

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

14.7719, 12.2113, 6.5795

Protanopia

11.4489, 12.2545, 7.7232

Deuteranopia

12.5077, 12.2862, 6.4149



Tritanopia

15.6472, 12.2357, 10.5539

Trichromacy



Original Color

14.7719, 12.2113, 6.5795

Protanomaly

12.4597, 12.1099, 7.3110

Deuteranomaly

13.1858, 12.1181, 6.4946

Tritanomaly

15.2438, 12.1745, 8.9436

Monochromacy



Original Color

14.7719, 12.2113, 6.5795

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.4041, 12.0113, 10.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7719, 12.2113, 6.5795 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(139, 84, 65)` looks like.

```
.text, #text, p{  
    color:rgb(139, 84, 65)  
}
```

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(139, 84, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 84, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.7719, 12.2113, 6.5795 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(139, 84, 65) }
```


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

```
.border{ border-color:rgb(139, 84, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 84, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 84, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 84, 65);  
box-shadow:4px 4px 4px 4px rgb(139, 84,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7719, 12.2113, 6.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 84, 65) }
```

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

```
.background{ background-color: rgb(139, 84,  
65) }
```

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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