

Converting Colors

XYZ(27.2514, 24.1568, 13.3516)

Have a look what the booklet for
XYZ(27.2514, 24.1568, 13.3516)
contains.

XYZ(27.2514, 24.1568, 13.3516)	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(27.2514, 24.1568,
13.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	B27A5C
RGB	178, 122, 92
RGB Percent	70%, 48%, 36%
CMY	0.3020, 0.5215, 0.6392
CMYK	0.00, 0.31, 0.48, 0.30
HSL	21°, 36%, 53%
HSV	21°, 48%, 70%
XYZ	27.2514, 24.1568, 13.3516
YIQ	135.3240, 43.0060, 2.5420

Conversions

Conversions Part 2

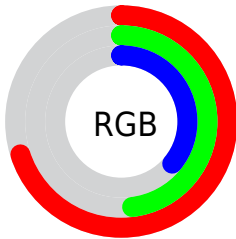
Format	Color
RYB	178, 138, 92
Decimal	11696732
CIELab	56.24, 18.30, 25.20
CIELCh	56, 31.143, 54.007
Yxy	24.1568, 0.4208, 0.3730
Android (android.graphics.Color)	4289886812 (0xFFB27A5C)
YUV	135.3240, -21.3587, 37.4269
Hunter-Lab	49.1496, 12.9591, 18.2984

Details

The XYZ color **27.2514, 24.1568, 13.3516** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.0388, 26.6681, 46.0525**, and the grayscale version is **23.2158, 24.4249, 26.5987**.

A 20% lighter version of the original color is **54.8800, 50.4760, 32.8370**, and **11.0246, 9.1655, 3.6707** is the 20% darker color. If you saturate the color by 10%, you get **25.2237, 21.2038, 9.2774**, and if you desaturate by 10%, it is **29.6329, 27.5248, 18.4461**.

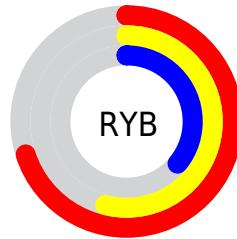
Distribution



Red (70%)

Green (48%)

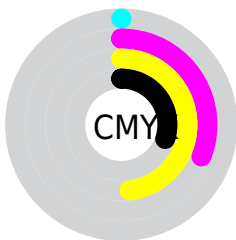
Blue (36%)



Red (70%)

Yellow (54%)

Blue (36%)

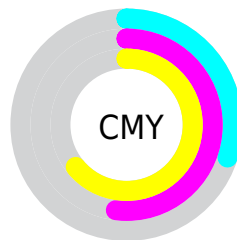


Cyan (0%)

Magenta (31%)

Yellow (48%)

Black (30%)



Cyan (30%)

Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2514, 24.1568, 13.3516 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 27.2514, 24.1568, 13.3516 by changing the saturation by 10% instead.

 27.2514, 24.1568,
13.3516

 27.2514, 24.1568,
13.3516


281.0177,
273.6123, 224.4453


 17.8997, 15.4500,
7.5375


 54.7041, 50.2860,
32.6344

 10.9772, 9.1358,
3.7170


 73.5357, 68.4771,
46.9403

 6.1187, 4.8299,
1.4714


 96.2581, 90.5984,
64.9138

 2.9587, 2.1478,
0.1965

 123.2365,
117.0344, 86.9735

 1.1320, 0.6913,
0.0000

154.8363,
148.1693, 113.5380

 0.0516, 0.0000,
0.0000

191.4229,

 0.0000, 0.0000,

184.3877, 145.0257

0.0000

233.3615,
226.0739, 181.8553

■ 27.2514, 24.1568,
13.3516

■ 27.2514, 24.1568,
13.3516

■ 25.2237, 21.2038,
9.2774

■ 29.6329, 27.5248,
18.4461

■ 23.5290, 18.6451,
6.1518

■ 32.3837, 31.3202,
24.6232

■ 22.1470, 16.4634,
3.8955


■ 35.5207, 35.5593,
31.9419


■ 21.0537, 14.6386,
2.4157


■ 39.0588, 40.2564,
40.4564


■ 20.2130, 13.1447,
1.5580


■ 43.0125, 45.4250,
50.2174

 20.0882, 12.9213,
1.4353

 47.3953, 51.0783,
61.2728

 52.2200, 57.2288,
73.6677

 57.4989, 63.8884,
87.4453

 63.2440, 71.0689,
102.6467

Harmonies

Analogous

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



29.8456, 24.1568, 19.0649



27.2514, 24.1568, 13.3516



23.6871, 24.1568, 11.1561

Triad

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



27.2514, 24.1568, 13.3516



16.7680, 24.1568, 24.2960



25.8785, 24.1568, 48.7546

Complementary

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



27.2514, 24.1568, 13.3516



23.0388, 26.6681, 46.0525

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.



22.2485, 24.1568, 51.2070



27.2514, 24.1568, 13.3516



17.2248, 24.1568, 35.1733

Square

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



27.2514, 24.1568, 13.3516



17.8256, 24.1568, 16.3283



19.1451, 24.1568, 45.7118



28.9971, 24.1568, 39.6843

Rectangle

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



27.2514, 24.1568, 13.3516



21.3330, 24.1568, 11.4286



19.1451, 24.1568, 45.7118



24.6683, 24.1568, 50.4642

Sweetspot

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



27.2520, 24.1580, 13.3521



66.9380, 67.8515, 63.9448



27.6387, 19.3000, 30.8421



14.5332, 14.6369, 13.4565



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.2520, 24.1580, 13.3521



45.5108, 38.1092, 16.3794



33.5077, 36.6694, 15.4373



8.7308, 8.9741, 8.9245



14.4274, 9.3533, 1.0450



0.5099, 0.4062, 0.0515

Inverse Universe

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



23.0388, 26.6681, 46.0525



36.9201, 43.1328, 82.7607



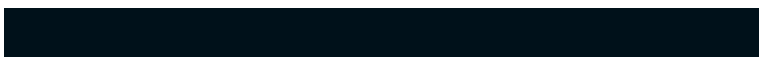
17.6381, 15.8668, 44.2523



8.4881, 9.1225, 10.8198



10.2706, 11.3415, 31.7848



0.3753, 0.4611, 1.0175

Previews

White Background



This preview shows how the XYZ color 27.2514, 24.1568, 13.3516 looks on a white 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

Black Background



This preview shows how the XYZ color 27.2514, 24.1568, 13.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

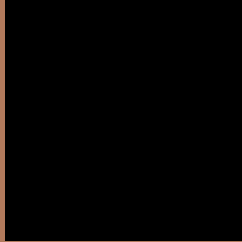
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2514, 24.1568, 13.3516

Background



This preview shows how black text looks on a background with the XYZ color 27.2514, 24.1568, 13.3516.



This preview shows how white text looks on a background with the XYZ color 27.2514, 24.1568,

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

27.2514, 24.1568, 13.3516

Protanopia

22.4987, 24.2108, 14.7966

Deuteranopia

24.6389, 24.1372, 13.2579



Tritanopia

29.1832, 24.0527, 22.8432

Trichromacy



Original Color

27.2514, 24.1568, 13.3516

Protanomaly

23.9528, 23.9596, 14.1887

Deuteranomaly

25.4976, 24.0019, 13.1865

Tritanomaly

28.4565, 24.1119, 19.0738

Monochromacy



Original Color

27.2514, 24.1568, 13.3516

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0749, 23.8765, 20.7925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2514, 24.1568, 13.3516 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(178, 122, 92)` looks like.

```
.text, #text, p{  
    color:rgb(178, 122, 92)  
}
```

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(178, 122, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 122, 92) }
```

Border

The CSS property to change the border of an element to XYZ 27.2514, 24.1568, 13.3516 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(178, 122, 92) }
```


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

```
.border{ border-color:rgb(178, 122, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 122, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 122, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 122, 92);  
box-shadow:4px 4px 4px 4px rgb(178, 122,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2514, 24.1568, 13.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 122, 92) }
```

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

```
.background{ background-color: rgb(178,  
122, 92) }
```

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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