

Converting Colors

XYZ(29.4427, 24.8977, 6.7898)

Have a look what the booklet for
XYZ(29.4427, 24.8977, 6.7898)
contains.

XYZ(29.5108, 24.9293, 6.7465)	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(29.5108, 24.9293,
6.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	C27736
RGB	194, 119, 54
RGB Percent	76%, 47%, 21%
CMY	0.2392, 0.5333, 0.7882
CMYK	0.00, 0.39, 0.72, 0.24
HSL	28°, 56%, 49%
HSV	28°, 72%, 76%
XYZ	29.5108, 24.9293, 6.7465
YIQ	134.0150, 65.5650, -4.3150

Conversions

Conversions Part 2

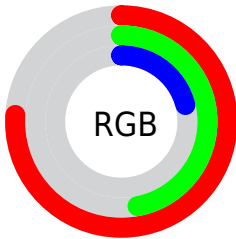
Format	Color
RYB	194, 175, 54
Decimal	12744502
CIELab	57.01, 23.89, 46.73
CIElCh	57, 52.484, 62.924
Yxy	24.9293, 0.4823, 0.4074
Android (android.graphics.Color)	4290934582 (0xFFC27736)
YUV	134.0150, -39.4474, 52.6068
Hunter-Lab	49.9292, 18.1267, 26.9391

Details

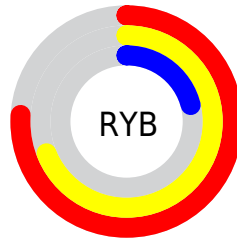
The XYZ color **29.5108, 24.9293, 6.7465** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **19.1087, 20.3788, 53.9649**, and the grayscale version is **22.7897, 23.9766, 26.1105**.

A 20% lighter version of the original color is **58.4912, 51.7645, 20.0054**, and **12.1873, 9.5334, 1.2265** is the 20% darker color. If you saturate the color by 10%, you get **27.9730, 22.4432, 4.4170**, and if you desaturate by 10%, it is **31.3667, 27.7611, 10.0787**.

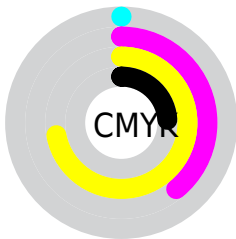
Distribution



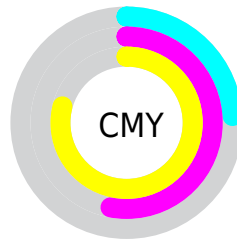
- Red (76%)
- Green (47%)
- Blue (21%)



- Red (76%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (72%)
- Black (24%)





- Cyan (24%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5108, 24.9293, 6.7465 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 29.5108, 24.9293, 6.7465 by changing the saturation by 10% instead.


 29.5108, 24.9293,
6.7465


 29.5108, 24.9293,
6.7465


291.5684,
277.4857, 175.0906


 19.6138, 16.0244,
3.2280


 58.2796, 51.5425,
19.9655

 12.2212, 9.5414,
1.2122


 77.8822, 70.0196,
30.5031


 6.9678, 5.0960,
0.0000


 101.4506, 92.4562,
44.2175

 3.4881, 2.3037,
0.0000

 129.3502,
119.2367, 61.5273

 1.4168, 0.7757,
0.0000

 161.9465,
150.7455, 82.8510

 0.2682, 0.0000,
0.0000

 199.6047,

 0.0000, 0.0000,

187.3670, 108.6070

0.0000

242.6902,
229.4856, 139.2141

■ 29.5108, 24.9293,
6.7465

■ 29.5108, 24.9293,
6.7465

■ 27.9730, 22.4432,
4.4170

■ 31.3667, 27.7611,
10.0787

■ 26.7241, 20.2811,
2.9657

■ 33.5624, 30.9509,
14.5152

■ 25.9107, 18.7947,
2.2621

■ 36.1193, 34.5145,
20.1465

■ 39.0562, 38.4655,
27.0533

■ 42.3906, 42.8168,
35.3092

■ 46.1386, 47.5805,
44.9820

■ 50.3155, 52.7682,
56.1350

■ 54.9357, 58.3909,
68.8277

■ 60.0127, 64.4591,
83.1163

Harmonies

Analogous

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



35.1041, 24.9293, 12.5554



29.5108, 24.9293, 6.7465



23.0948, 24.9293, 5.3949

Triad

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



29.5108, 24.9293, 6.7465



13.7171, 24.9293, 28.9132



30.7402, 24.9293, 66.7823

Complementary

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



29.5108, 24.9293, 6.7465



19.1087, 20.3788, 53.9649

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.



24.3046, 24.9293, 77.1333



29.5108, 24.9293, 6.7465



15.0713, 24.9293, 50.0969

Square

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



29.5108, 24.9293, 6.7465



14.6283, 24.9293, 14.4368



18.6976, 24.9293, 69.9893



35.8961, 24.9293, 45.7167

Rectangle

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



29.5108, 24.9293, 6.7465



19.3701, 24.9293, 6.3439



18.6976, 24.9293, 69.9893



28.6190, 24.9293, 71.9620

Sweetspot

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



29.5114, 24.9306, 6.7470



76.6832, 77.4213, 63.6720



27.6640, 15.7465, 23.0543



16.4113, 16.4613, 12.9846



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.5114, 24.9306, 6.7470



49.2158, 38.1599, 6.1972



40.6841, 47.2761, 10.4712



10.4500, 10.8315, 10.6018



17.1161, 12.5179, 1.5141



0.8084, 0.6786, 0.0884

Inverse Universe

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



19.1087, 20.3788, 53.9649



29.2452, 29.3405, 96.5917



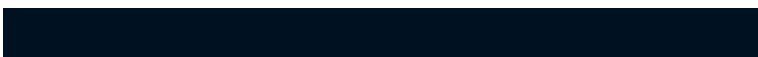
12.9278, 8.0170, 51.9047



9.9651, 10.6215, 12.8098



9.7345, 9.2256, 34.8243



0.4890, 0.5355, 1.5275

Previews

White Background



This preview shows how the XYZ color 29.5108, 24.9293, 6.7465 looks on a white background.

Color Contrast Check

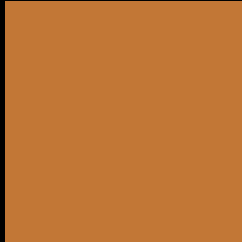
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5108, 24.9293, 6.7465 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 29.5108, 24.9293, 6.7465

Background



This preview shows how black text looks on a background with the XYZ color 29.5108, 24.9293, 6.7465.



This preview shows how white text looks on a background with the XYZ color 29.5108, 24.9293,

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

29.5108, 24.9293, 6.7465

Protanopia

22.8719, 24.9794, 7.7537

Deuteranopia

25.3748, 24.8622, 6.5935



Tritanopia

32.4730, 24.9502, 20.8736

Trichromacy



Original Color

29.5108, 24.9293, 6.7465

Protanomaly

24.8696, 24.5855, 7.3056

Deuteranomaly

26.6711, 24.7533, 6.6210

Tritanomaly

31.2680, 24.9763, 14.2392

Monochromacy



Original Color

29.5108, 24.9293, 6.7465

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1104, 23.7884, 16.6855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5108, 24.9293, 6.7465 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(194, 119, 54)` looks like.

```
.text, #text, p{  
    color:rgb(194, 119, 54)  
}
```

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(194, 119, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 119, 54) }
```

Border

The CSS property to change the border of an element to XYZ 29.5108, 24.9293, 6.7465 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(194, 119, 54) }
```


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

```
.border{ border-color:rgb(194, 119, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 119, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 119, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 119, 54);  
box-shadow:4px 4px 4px 4px rgb(194, 119,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5108, 24.9293, 6.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 119, 54) }
```

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

```
.background{ background-color: rgb(194,  
119, 54) }
```

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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