

Converting Colors

XYZ(31.4780, 27.7961, 14.6291)

Have a look what the booklet for
XYZ(31.4780, 27.7961, 14.6291)
contains.

XYZ(31.5340, 27.8679, 14.5435)	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(31.5340, 27.8679,
14.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	BF825F
RGB	191, 130, 95
RGB Percent	75%, 51%, 37%
CMY	0.2510, 0.4902, 0.6274
CMYK	0.00, 0.32, 0.50, 0.25
HSL	22°, 43%, 56%
HSV	22°, 50%, 75%
XYZ	31.5340, 27.8679, 14.5435
YIQ	144.2490, 47.5910, 2.0470

Conversions

Conversions Part 2

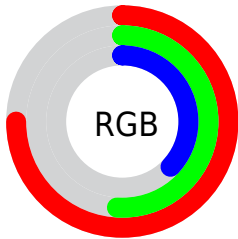
Format	Color
R_{YB}	191, 150, 95
Decimal	12550751
CIE _{Lab}	59.77, 19.55, 28.40
CIE _{LCh}	60, 34.478, 55.462
Yxy	27.8679, 0.4264, 0.3769
Android (android.graphics.Color)	4290740831 (0xFFBF825F)
YUV	144.2490, -24.2798, 41.0006
Hunter-Lab	52.7901, 14.2439, 20.6188

Details

The XYZ color **31.5340, 27.8679, 14.5435** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.0110, 29.9698, 53.7037**, and the grayscale version is **26.6917, 28.0818, 30.5811**.

A 20% lighter version of the original color is **61.5461, 56.2663, 34.8108**, and **13.3938, 11.1016, 4.2332** is the 20% darker color. If you saturate the color by 10%, you get **29.2499, 24.5230, 10.0113**, and if you desaturate by 10%, it is **34.2227, 31.6815, 20.2612**.

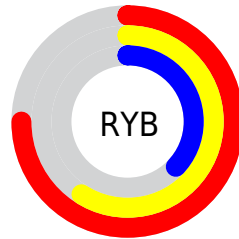
Distribution



Red (75%)

Green (51%)

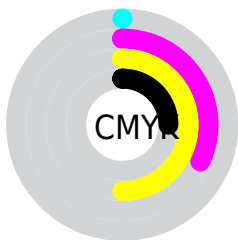
Blue (37%)



Red (75%)

Yellow (59%)

Blue (37%)

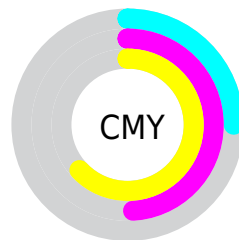


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5340, 27.8679, 14.5435 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 31.5340, 27.8679, 14.5435 by changing the saturation by 10% instead.

31.5340, 27.8679,
14.5435

31.5340, 27.8679,
14.5435

300.7741,
291.8352, 232.1311

21.1596, 18.2261,
8.3566

61.4500, 56.2735,
34.7812

13.3539, 11.1124,
4.2329

81.7223, 75.8060,
49.6691

7.7513, 6.1425,
1.7540

106.0246, 99.4043,
68.2944

3.9867, 2.9319,
0.3973

134.7223,
127.4527, 91.0757

1.6946, 1.0963,
0.0000

168.1808,
160.3356, 118.4315

0.4529, 0.0000,
0.0000

206.7653,

0.0000, 0.0000,

198.4373, 150.7802

0.0000

250.8413,
242.1424, 188.5406

■ 31.5340, 27.8679,
14.5435

■ 31.5340, 27.8679,
14.5435

■ 29.2499, 24.5230,
10.0113

■ 34.2227, 31.6815,
20.2612

■ 27.3460, 21.6232,
6.5774

■ 37.3345, 35.9779,
27.2399

■ 25.7979, 19.1486,
4.1449

■ 40.8891, 40.7756,
35.5506

■ 24.5769, 17.0760,
2.5991

■ 44.9042, 46.0909,
45.2585

■ 23.6537, 15.4123,
1.7282

■ 49.3965, 51.9393,
56.4246

■ 54.3819, 58.3356,
69.1061

■ 59.8754, 65.2940,
83.3572

■ 65.8915, 72.8281,
99.2294

■ 70.4679, 80.1608,
106.3663

Harmonies

Analogous

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



34.8065, 27.8679, 21.1422



31.5340, 27.8679, 14.5435



27.1568, 27.8679, 12.1421

Triad

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



31.5340, 27.8679, 14.5435



18.9742, 27.8679, 28.4821



30.2603, 27.8679, 57.6143

Complementary

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



31.5340, 27.8679, 14.5435



26.0110, 29.9698, 53.7037

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.



25.8295, 27.8679, 61.1470



31.5340, 27.8679, 14.5435



19.6125, 27.8679, 41.8885

Square

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



31.5340, 27.8679, 14.5435



20.1608, 27.8679, 18.6589



22.0105, 27.8679, 54.7487



34.0163, 27.8679, 46.1042

Rectangle

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



31.5340, 27.8679, 14.5435



24.3134, 27.8679, 12.5786



22.0105, 27.8679, 54.7487



28.7877, 27.8679, 59.8885

Sweetspot

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



31.5347, 27.8693, 14.5440



76.7406, 77.6945, 72.0864



31.6980, 21.7089, 34.5972



16.5187, 16.6195, 15.0273



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.5347, 27.8693, 14.5440



52.1309, 43.5382, 17.4455



39.1945, 43.1889, 17.0973



9.8074, 10.0907, 10.0074



15.6156, 10.2701, 1.1593



0.6746, 0.5281, 0.0664

Inverse Universe

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



26.0110, 29.9698, 53.7037



41.1035, 47.6300, 95.3063



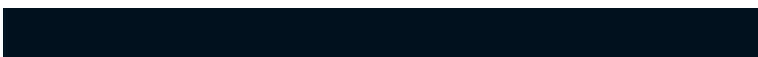
19.6349, 17.2176, 51.5783



9.5081, 10.2085, 12.1415



10.7807, 11.6732, 34.0778



0.4825, 0.5777, 1.3549

Previews

White Background



This preview shows how the XYZ color 31.5340, 27.8679, 14.5435 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 31.5340, 27.8679, 14.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

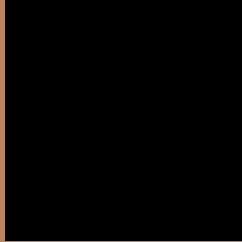
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5340, 27.8679, 14.5435

Background



This preview shows how black text looks on a background with the XYZ color 31.5340, 27.8679, 14.5435.



This preview shows how white text looks on a background with the XYZ color 31.5340, 27.8679,

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

31.5340, 27.8679, 14.5435

Protanopia

26.0325, 27.9540, 16.3355

Deuteranopia

28.5198, 27.9659, 14.2507



Tritanopia

33.8848, 27.8578, 26.1454

Trichromacy



Original Color

31.5340, 27.8679, 14.5435

Protanomaly

27.8469, 27.8011, 15.7028

Deuteranomaly

29.5067, 27.8394, 14.4080

Tritanomaly

32.9719, 27.8723, 21.4114

Monochromacy



Original Color

31.5340, 27.8679, 14.5435

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.6965, 27.5487, 23.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5340, 27.8679, 14.5435 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(191, 130, 95)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 95)  
}
```

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(191, 130, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 95) }
```

Border

The CSS property to change the border of an element to XYZ 31.5340, 27.8679, 14.5435 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(191, 130, 95) }
```


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

```
.border{ border-color:rgb(191, 130, 95) }
```

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

Here you see how a box with a 4 pixel rgb(191, 130, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 95);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5340, 27.8679, 14.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 95) }
```

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

```
.background{ background-color: rgb(191,  
130, 95) }
```

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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