

Converting Colors

XYZ(27.6054, 27.0153, 14.3742)

Have a look what the booklet for
XYZ(27.6054, 27.0153, 14.3742)
contains.

XYZ(27.6191, 27.0744, 14.3599)	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(27.6191, 27.0744,
14.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	AB885E
RGB	171, 136, 94
RGB Percent	67%, 53%, 37%
CMY	0.3294, 0.4666, 0.6314
CMYK	0.00, 0.20, 0.45, 0.33
HSL	33°, 31%, 52%
HSV	33°, 45%, 67%
XYZ	27.6191, 27.0744, 14.3599
YIQ	141.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

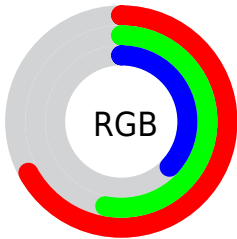
Format	Color
R_{YB}	158, 171, 94
Decimal	11241566
CIE _{Lab}	59.04, 7.72, 27.58
CIE _{LCh}	59, 28.641, 74.372
Y _{xy}	27.0744, 0.4000, 0.3921
Android (android.graphics.Color)	4289431646 (0xFFAB885E)
YUV	141.6770, -23.5048, 25.7163
Hunter-Lab	52.0331, 3.6898, 20.0605

Details

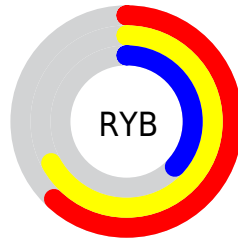
The XYZ color **27.6191, 27.0744, 14.3599** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.8167, 21.0196, 41.5406**, and the grayscale version is **25.6645, 27.0010, 29.4041**.

A 20% lighter version of the original color is **55.3033, 54.9335, 34.4765**, and **11.1770, 10.6427, 4.1545** is the 20% darker color. If you saturate the color by 10%, you get **25.8802, 24.6915, 10.4049**, and if you desaturate by 10%, it is **29.6088, 29.6867, 19.2378**.

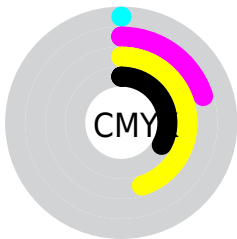
Distribution



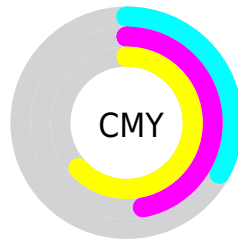
- Red (67%)
- Green (53%)
- Blue (37%)



- Red (62%)
- Yellow (67%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6191, 27.0744, 14.3599 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 27.6191, 27.0744, 14.3599 by changing the saturation by 10% instead.


 27.6191, 27.0744,
14.3599


 27.6191, 27.0744,
14.3599


282.7555,
288.0172, 230.9642


 18.1777, 17.6291,
8.2298


 55.2886, 55.0032,
34.4525


 11.1781, 10.6840,
4.1525


 74.2475, 74.2556,
49.2522

 6.2549, 5.8548,
1.7094


 97.1096, 97.5457,
67.7787

 3.0428, 2.7570,
0.3671

 124.2402,
125.2580, 90.4507

 1.1765, 1.0062,
0.0000

156.0048,
157.7769, 117.6867

 0.0877, 0.0000,
0.0000

192.7686,

 0.0000, 0.0000,

195.4868, 149.9053

0.0000

234.8971,
238.7721, 187.5249

■ 27.6191, 27.0744,
14.3599

■ 27.6191, 27.0744,
14.3599

■ 25.8802, 24.6915,
10.4049

■ 29.6088, 29.6867,
19.2378

■ 24.3769, 22.5261,
7.3107

■ 31.8591, 32.5318,
25.0918

■ 23.0956, 20.5711,
5.0103

■ 34.3819, 35.6180,
31.9729

■ 22.0197, 18.8170,
3.4256

■ 37.1874, 38.9519,
39.9283

■ 21.1293, 17.2528,
2.4606

■ 40.2854, 42.5398,
49.0019

■ 20.7336, 16.5361,
2.0990

■ 43.6853, 46.3876,
59.2354

■ 47.3958, 50.5012,
70.6682

■ 51.4253, 54.8862,
83.3379

■ 55.7819, 59.5480,
97.2805

Harmonies

Analogous

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



30.9354, 27.0744, 17.7991



27.6191, 27.0744, 14.3599



24.0737, 27.0744, 14.2913

Triad

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



27.6191, 27.0744, 14.3599



19.6635, 27.0744, 34.6106



30.8158, 27.0744, 45.8040

Complementary

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



27.6191, 27.0744, 14.3599



19.8167, 21.0196, 41.5406

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.



27.4677, 27.0744, 52.8005



27.6191, 27.0744, 14.3599



21.1500, 27.0744, 45.3983

Square

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



27.6191, 27.0744, 14.3599



19.6959, 27.0744, 24.5139



23.9356, 27.0744, 52.6369



32.8936, 27.0744, 35.0738

Rectangle

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



27.6191, 27.0744, 14.3599



22.0640, 27.0744, 16.0935



23.9356, 27.0744, 52.6369



29.7887, 27.0744, 48.7698

Sweetspot

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



27.6198, 27.0757, 14.3604



61.9503, 64.2404, 58.3042



24.8222, 18.2735, 23.3147



13.5922, 14.0569, 12.3821



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.6198, 27.0757, 14.3604



46.3716, 44.2513, 18.6809



32.8241, 38.3063, 16.2539



8.3536, 8.7121, 8.4547



15.6834, 12.5722, 1.6001



0.4901, 0.4573, 0.0624

Inverse Universe

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



19.8167, 21.0196, 41.5406



30.6223, 32.0383, 73.5719



16.2374, 13.4637, 40.2709



7.8675, 8.3343, 10.1467



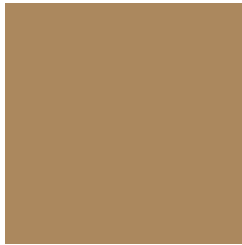
7.6314, 6.3967, 29.8770



0.2674, 0.2881, 0.8495

Previews

White Background



This preview shows how the XYZ color 27.6191, 27.0744, 14.3599 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 27.6191, 27.0744, 14.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

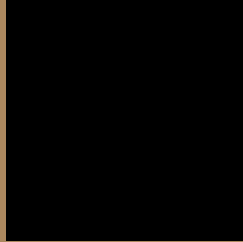
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6191, 27.0744, 14.3599

Background



This preview shows how black text looks on a background with the XYZ color 27.6191, 27.0744, 14.3599.



This preview shows how white text looks on a background with the XYZ color 27.6191, 27.0744,

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

27.6191, 27.0744, 14.3599

Protanopia

25.1571, 27.0791, 15.2101

Deuteranopia

27.6191, 27.0744, 14.3599



Tritanopia

30.3955, 26.9727, 28.4152

Trichromacy



Original Color

27.6191, 27.0744, 14.3599

Protanomaly

25.9866, 27.0743, 14.9225

Deuteranomaly

27.6191, 27.0744, 14.3599

Tritanomaly

29.2820, 26.9313, 22.3938

Monochromacy



Original Color

27.6191, 27.0744, 14.3599

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2166, 27.0091, 23.2336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6191, 27.0744, 14.3599 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(171, 136, 94)` looks like.

```
.text, #text, p{  
    color:rgb(171, 136, 94)  
}
```

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(171, 136, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 136, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.6191, 27.0744, 14.3599 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(171, 136, 94) }
```


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

```
.border{ border-color:rgb(171, 136, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 136, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 136, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 136, 94);  
box-shadow:4px 4px 4px 4px rgb(171, 136,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6191, 27.0744, 14.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 136, 94) }
```

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

```
.background{ background-color: rgb(171,  
136, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor