

Converting Colors

XYZ(27.6083, 33.6741, 17.1012)

Have a look what the booklet for
XYZ(27.6083, 33.6741, 17.1012)
contains.

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Color

**XYZ(27.6083, 33.6741,
17.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	93A464
RGB	147, 164, 100
RGB Percent	58%, 64%, 39%
CMY	0.4235, 0.3568, 0.6078
CMYK	0.10, 0.00, 0.39, 0.36
HSL	76°, 26%, 52%
HSV	76°, 39%, 64%
XYZ	27.6083, 33.6741, 17.1012
YIQ	151.6210, 10.4120, -23.5080

Conversions

Conversions Part 2

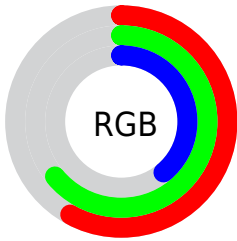
Format	Color
RYB	100, 164, 117
Decimal	9675876
CIELab	64.70, -16.72, 31.24
CIELCh	65, 35.431, 118.165
Yxy	33.6741, 0.3522, 0.4296
Android (android.graphics.Color)	4287865956 (0xFF93A464)
YUV	151.6210, -25.4492, -4.0526
Hunter-Lab	58.0294, -16.6275, 23.1479

Details

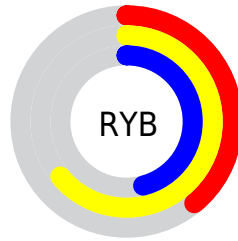
The XYZ color **27.6083, 33.6741, 17.1012** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.5955, 15.5775, 37.1506**, and the grayscale version is **29.7854, 31.3366, 34.1255**.

A 20% lighter version of the original color is **55.3561, 65.4866, 39.4284**, and **11.1333, 14.2692, 5.4162** is the 20% darker color. If you saturate the color by 10%, you get **26.1268, 32.9941, 13.2973**, and if you desaturate by 10%, it is **29.2809, 34.4363, 21.7495**.

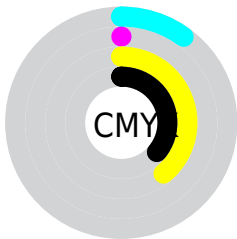
Distribution



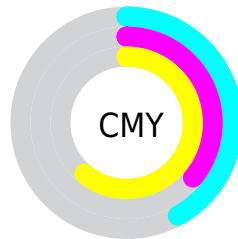
- Red (58%)
- Green (64%)
- Blue (39%)



- Red (39%)
- Yellow (64%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6083, 33.6741, 17.1012 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 27.6083, 33.6741, 17.1012 by changing the saturation by 10% instead.

■ 27.6083, 33.6741,
17.1012

■ 27.6083, 33.6741,
17.1012

282.7046,
318.6764, 247.8186

■ 18.1695, 22.6433,
10.1440

■ 55.2715, 65.4265,
39.2927

■ 11.1722, 14.3304,
5.3877

■ 74.2266, 86.9170,
55.3641

■ 6.2509, 8.3508,
2.4138

■ 97.0846, 112.6629,
75.3106

■ 3.0404, 4.3202,
0.7939

■ 124.2108,
143.0485, 99.5507

■ 1.1751, 1.8543,
0.0000

155.9705,
178.4583, 128.5030

■ 0.0866, 0.5207,
0.0000

192.7292,

■ 0.0000, 0.0000,

219.2766, 162.5861

0.0000

234.8521,
265.8878, 202.2184

■ 27.6083, 33.6741,
17.1012

■ 27.6083, 33.6741,
17.1012

■ 26.1268, 32.9941,
13.2973

■ 29.2809, 34.4363,
21.7495

■ 24.8238, 32.3877,
10.2849

■ 31.1513, 35.2799,
27.2867

■ 23.6894, 31.8521,
8.0085


■ 33.2288, 36.2098,
33.7567


■ 22.7109, 31.3822,
6.4042


■ 35.5214, 37.2293,
41.1998


■ 21.8740, 30.9721,
5.3976


■ 38.0365, 38.3414,
49.6540


 21.1499, 30.6105,
4.8396

 40.7814, 39.5490,
59.1552

 21.0818, 30.5764,
4.7907

 43.7627, 40.8548,
69.7377

 46.9870, 42.2614,
81.4341

 50.4605, 43.7714,
94.2756

Harmonies

Analogous

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



32.3204, 33.6741, 15.1911



27.6083, 33.6741, 17.1012



24.3957, 33.6741, 23.7869

Triad

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



27.6083, 33.6741, 17.1012



27.1198, 33.6741, 65.9801



42.8100, 33.6741, 37.5694

Complementary

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



27.6083, 33.6741, 17.1012



18.5955, 15.5775, 37.1506

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.



41.0547, 33.6741, 53.5125



27.6083, 33.6741, 17.1012



31.6941, 33.6741, 72.3893

Square

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



27.6083, 33.6741, 17.1012



24.1353, 33.6741, 51.5388



36.8480, 33.6741, 67.3157



41.4255, 33.6741, 24.9700

Rectangle

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



27.6083, 33.6741, 17.1012



23.3567, 33.6741, 31.2158



36.8480, 33.6741, 67.3157



42.5642, 33.6741, 42.7149

Sweetspot

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



27.6091, 33.6756, 17.1019



59.0638, 65.1656, 57.3230



23.8567, 21.3044, 14.9118



12.8114, 14.2013, 12.2154



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.6091, 33.6756, 17.1019



47.7120, 60.0205, 24.8489



22.7793, 31.1857, 16.8759



7.4650, 8.1422, 7.5582



16.2103, 23.4672, 3.6752



0.3815, 0.5142, 0.0791

Inverse Universe

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



18.5955, 15.5775, 37.1506



28.9885, 22.3925, 66.5466



23.4720, 18.0914, 37.3789



6.8688, 6.9467, 8.8819



5.9602, 2.4790, 27.0941



0.1673, 0.0738, 0.5713

Previews

White Background



This preview shows how the XYZ color 27.6083, 33.6741, 17.1012 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.6083, 33.6741, 17.1012 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 ✓ Pass

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

XYZ 27.6083, 33.6741, 17.1012

Background



This preview shows how black text looks on a background with the XYZ color 27.6083, 33.6741, 17.1012.



This preview shows how white text looks on a background with the XYZ color 27.6083, 33.6741,

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

27.6083, 33.6741, 17.1012

Protanopia

31.0092, 33.6349, 16.1671

Deuteranopia

34.0936, 33.4833, 17.4980



Tritanopia

32.6667, 33.6720, 41.8234

Trichromacy



Original Color

27.6083, 33.6741, 17.1012

Protanomaly

29.6757, 33.7048, 16.4969

Deuteranomaly

31.3532, 33.2862, 17.3428

Tritanomaly

30.4929, 33.5517, 30.8556

Monochromacy



Original Color

27.6083, 33.6741, 17.1012

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6998, 31.9544, 26.8455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6083, 33.6741, 17.1012 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(147, 164, 100)` looks like.

```
.text, #text, p{  
    color:rgb(147, 164, 100)  
}
```

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(147, 164, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 164, 100) }
```

Border

The CSS property to change the border of an element to XYZ 27.6083, 33.6741, 17.1012 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(147, 164, 100) }
```


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

```
.border{ border-color:rgb(147, 164, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 164, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 164, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 164, 100);  
box-shadow:4px 4px 4px 4px rgb(147, 164,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6083, 33.6741, 17.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 164, 100) }
```

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

```
.background{ background-color: rgb(147,  
164, 100) }
```

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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