

Converting Colors

XYZ(27.6736, 27.1750, 20.6164)

Have a look what the booklet for
XYZ(27.6736, 27.1750, 20.6164)
contains.

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Color

**XYZ(27.6736, 27.1750,
20.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	A58975
RGB	165, 137, 117
RGB Percent	65%, 54%, 46%
CMY	0.3529, 0.4627, 0.5412
CMYK	0.00, 0.17, 0.29, 0.35
HSL	25°, 21%, 55%
HSV	25°, 29%, 65%
XYZ	27.6736, 27.1750, 20.6164
YIQ	143.0920, 23.1080, -0.2840

Conversions

Conversions Part 2

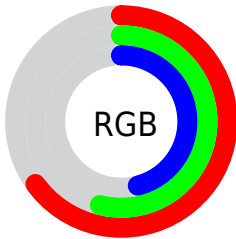
Format	Color
R_{YB}	165, 151, 117
Decimal	10848629
CIE Lab	59.14, 7.53, 14.70
CIE LCh	59, 16.517, 62.866
Yxy	27.1750, 0.3667, 0.3601
Android (android.graphics.Color)	4289038709 (0xFFA58975)
YUV	143.0920, -12.8634, 19.2133
Hunter-Lab	52.1296, 3.5318, 13.0426

Details

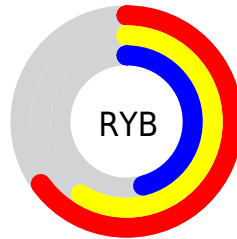
The XYZ color **27.6736, 27.1750, 20.6164** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **24.2528, 26.7486, 39.4821**, and the grayscale version is **26.1890, 27.5529, 30.0051**.

A 20% lighter version of the original color is **55.3937, 55.0636, 45.2449**, and **11.1645, 10.6908, 7.1053** is the 20% darker color. If you saturate the color by 10%, you get **25.4803, 24.2064, 15.5135**, and if you desaturate by 10%, it is **30.1614, 30.4586, 26.6617**.

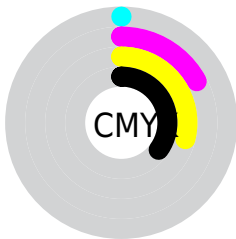
Distribution



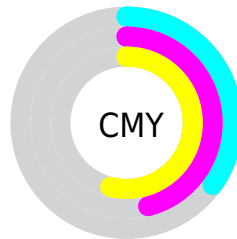
- Red (65%)
- Green (54%)
- Blue (46%)



- Red (65%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6736, 27.1750, 20.6164 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 27.6736, 27.1750, 20.6164 by changing the saturation by 10% instead.

■ 27.6736, 27.1750,
20.6164

■ 27.6736, 27.1750,
20.6164

283.0124,
288.5034, 267.9465

■ 18.2190, 17.7047,
12.6554

■ 55.3752, 55.1646,
45.3207

■ 11.2079, 10.7382,
7.0638

■ 74.3529, 74.4526,
62.9011

■ 6.2752, 5.8911,
3.4230

■ 97.2356, 97.7820,
84.5250

■ 3.0554, 2.7790,
1.3144

124.3887,
125.5372, 110.6110

■ 1.1831, 1.0174,
0.0736

156.1776,
158.1025, 141.5776

■ 0.0930, 0.0000,
0.0000

192.9676,

■ 0.0000, 0.0000,

195.8624, 177.8434

0.0000

235.1241,
239.2013, 219.8268

■ 27.6736, 27.1750,
20.6164

■ 27.6736, 27.1750,
20.6164

■ 25.4803, 24.2064,
15.5135

■ 30.1614, 30.4586,
26.6617

■ 23.5672, 21.5391,
11.3031

■ 32.9530, 34.0630,
33.6927

■ 21.9219, 19.1638,
7.9329

■ 36.0598, 37.9983,
41.7518

■ 20.5301, 17.0693,
5.3447

■ 39.4919, 42.2731,
50.8786

■ 19.3759, 15.2434,
3.4726

■ 43.2590, 46.8958,
61.1103

■ 18.4411, 13.6727,
2.2395

■ 47.3705, 51.8744,
72.4828

■ 17.6929, 12.3377,
1.4920

■ 51.8351, 57.2165,
85.0298

■ 17.6306, 12.2263,
1.4307

■ 56.6615, 62.9296,
98.7840

■ 60.1204, 68.3260,
104.6273

Harmonies

Analogous

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



29.2926, 27.1750, 23.8622



27.6736, 27.1750, 20.6164



25.6319, 27.1750, 19.6636

Triad

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



27.6736, 27.1750, 20.6164



22.0797, 27.1750, 30.1585



28.0335, 27.1750, 40.1497

Complementary

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



27.6736, 27.1750, 20.6164



24.2528, 26.7486, 39.4821

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.



26.0271, 27.1750, 42.3931



27.6736, 27.1750, 20.6164



22.6499, 27.1750, 36.1656

Square

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



27.6736, 27.1750, 20.6164



22.4693, 27.1750, 24.7215



24.0683, 27.1750, 40.8473



29.5080, 27.1750, 35.0567

Rectangle

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



27.6736, 27.1750, 20.6164



24.3237, 27.1750, 20.3377



24.0683, 27.1750, 40.8473



27.3953, 27.1750, 41.2905

Sweetspot

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



27.6743, 27.1763, 20.6170



58.9770, 60.9539, 60.2404



26.9894, 22.7666, 29.7602



12.7347, 13.1223, 12.7643



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.



27.6743, 27.1763, 20.6170



46.9305, 45.1241, 30.7506



31.4730, 34.7736, 21.8832



7.3050, 7.5483, 7.4520



13.3849, 9.3436, 1.0980



0.3274, 0.2886, 0.0385

Inverse Universe

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



24.2528, 26.7486, 39.4821



39.7737, 44.2234, 70.1920



20.9654, 20.1736, 38.3863



7.0275, 7.5140, 8.9830



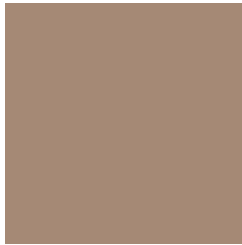
8.3689, 8.5171, 28.1327



0.2210, 0.2692, 0.6062

Previews

White Background



This preview shows how the XYZ color 27.6736, 27.1750, 20.6164 looks on a white background.

Color Contrast Check

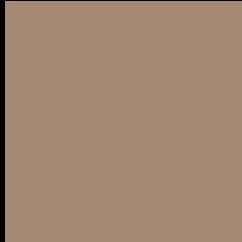
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6736, 27.1750, 20.6164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

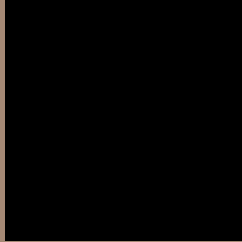
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6736, 27.1750, 20.6164

Background



This preview shows how black text looks on a background with the XYZ color 27.6736, 27.1750, 20.6164.



This preview shows how white text looks on a background with the XYZ color 27.6736, 27.1750,

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

27.6736, 27.1750, 20.6164

Protanopia

25.6408, 27.1861, 21.6653

Deuteranopia

27.6736, 27.1750, 20.6164



Tritanopia

29.5700, 27.1135, 30.0605

Trichromacy



Original Color

27.6736, 27.1750, 20.6164

Protanomaly

26.2254, 27.0566, 21.2930

Deuteranomaly

27.6736, 27.1750, 20.6164

Tritanomaly

28.7645, 26.9869, 26.2472

Monochromacy



Original Color

27.6736, 27.1750, 20.6164

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5905, 27.3503, 26.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6736, 27.1750, 20.6164 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(165, 137, 117)` looks like.

```
.text, #text, p{  
    color:rgb(165, 137, 117)  
}
```

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(165, 137, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 137, 117) }
```

Border

The CSS property to change the border of an element to XYZ 27.6736, 27.1750, 20.6164 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(165, 137, 117) }
```


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

```
.border{ border-color:rgb(165, 137, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 137, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 137, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 137, 117);  
box-shadow:4px 4px 4px 4px rgb(165, 137,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6736, 27.1750, 20.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 137, 117) }
```

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

```
.background{ background-color: rgb(165,  
137, 117) }
```

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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