

Converting Colors

XYZ(27.2341, 26.5345, 32.7136)

Have a look what the booklet for
XYZ(27.2341, 26.5345, 32.7136)
contains.

XYZ(27.0717, 26.3896, 32.5210)	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(27.0717, 26.3896,
32.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	978896
RGB	151, 136, 150
RGB Percent	59%, 53%, 59%
CMY	0.4078, 0.4667, 0.4118
CMYK	0.00, 0.10, 0.01, 0.41
HSL	304°, 7%, 56%
HSV	304°, 10%, 59%
XYZ	27.0717, 26.3896, 32.5210
YIQ	142.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

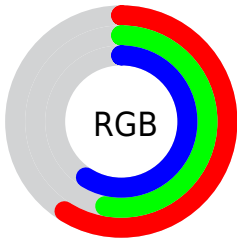
Format	Color
R_{YB}	151, 136, 150
Decimal	9930902
CIE _{Lab}	58.41, 8.26, -5.41
CIE _{LCh}	58, 9.874, 326.811
Yxy	26.3896, 0.3149, 0.3069
Android (android.graphics.Color)	4288120982 (0xFF978896)
YUV	142.0810, 3.9041, 7.8220
Hunter-Lab	51.3708, 4.1681, -1.5748

Details

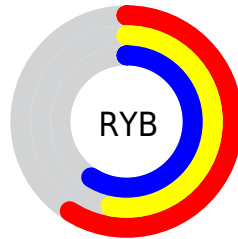
The XYZ color **27.0717, 26.3896, 32.5210** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7363, 29.1744, 27.9431**, and the grayscale version is **25.7276, 27.0675, 29.4765**.

A 20% lighter version of the original color is **54.2735, 53.7340, 64.6379**, and **10.8354, 10.2658, 13.2148** is the 20% darker color. If you saturate the color by 10%, you get **25.0127, 22.4004, 31.4365**, and if you desaturate by 10%, it is **29.4326, 30.9806, 33.7102**.

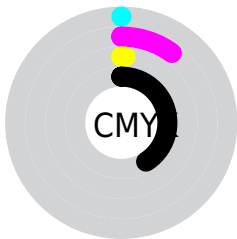
Distribution



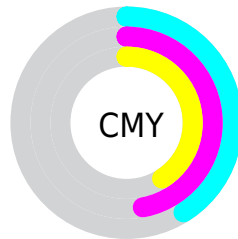
- Red (59%)
- Green (53%)
- Blue (59%)



- Red (59%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0717, 26.3896, 32.5210 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 27.0717, 26.3896, 32.5210 by changing the saturation by 10% instead.

■ 27.0717, 26.3896,
32.5210

■ 27.0717, 26.3896,
32.5210

280.1653,
284.6894, 328.0513

■ 17.7639, 17.1153,
21.4916

■ 54.4180, 53.9028,
64.7343

■ 10.8793, 10.3168,
13.2891

■ 73.1872, 72.9105,
86.7554

■ 6.0524, 5.6095,
7.4949

■ 95.8410, 95.9315,
113.2774

■ 2.9179, 2.6091,
3.6904

122.7446,
123.3502, 144.7190

■ 1.1105, 0.9312,
1.4571

154.2636,
155.5509, 181.4986

■ 0.0339, 0.0000,
0.1856

190.7631,

■ 0.0000, 0.0000,

192.9181, 224.0349

0.0000

232.6085,
235.8361, 272.7463

■ 27.0717, 26.3896,
32.5210

■ 27.0717, 26.3896,
32.5210

■ 25.0127, 22.4004,
31.4365

■ 29.4326, 30.9806,
33.7102

■ 23.2407, 18.9847,
30.4508

■ 32.1048, 36.1935,
35.0063

■ 21.7433, 16.1168,
29.5600

■ 35.1001, 42.0515,
36.4136

■ 20.5060, 13.7682,
28.7593

■ 38.4291, 48.5759,
37.9356

■ 19.5132, 11.9073,
28.0436

■ 42.1020, 55.7866,
39.5757

■ 18.7473, 10.4994,
27.4069

■ 46.1282, 63.7031,
41.3370

■ 18.1888, 9.5050,
26.8427

■ 50.5172, 72.3439,
43.2227

■ 17.8146, 8.8781,
26.3433

■ 54.6994, 80.5701,
45.0431

■ 17.5668, 8.5028,
25.8894

■ 54.7865, 80.6049,
45.5019

Harmonies

Analogous

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



26.1420, 26.3896, 35.0716



27.0717, 26.3896, 32.5210



27.4675, 26.3896, 29.1045

Triad

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



27.0717, 26.3896, 32.5210



25.2116, 26.3896, 22.6052



23.0711, 26.3896, 31.8315

Complementary

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



27.0717, 26.3896, 32.5210



25.7363, 29.1744, 27.9431

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.



22.8398, 26.3896, 28.3662



27.0717, 26.3896, 32.5210



24.0520, 26.3896, 23.2096

Square

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



27.0717, 26.3896, 32.5210



26.3722, 26.3896, 23.5312



23.1933, 26.3896, 25.2526



23.8356, 26.3896, 34.6517

Rectangle

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



27.0717, 26.3896, 32.5210



27.3663, 26.3896, 26.8573



23.1933, 26.3896, 25.2526



22.9295, 26.3896, 30.6957

Sweetspot

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



27.0725, 26.3907, 32.5216



51.3282, 52.7926, 59.6836



24.7077, 25.1623, 32.8333



11.5907, 11.8522, 13.5275



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.0725, 26.3907, 32.5216



47.5843, 45.5188, 57.7764



26.4877, 26.1568, 29.4422



6.4434, 6.3165, 7.7152



14.9470, 7.2330, 22.0435



0.2281, 0.1100, 0.3538

Inverse Universe

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



27.0725, 26.3907, 32.5216



47.5843, 45.5188, 57.7764



26.2932, 29.3972, 30.8757



6.4434, 6.3165, 7.7152



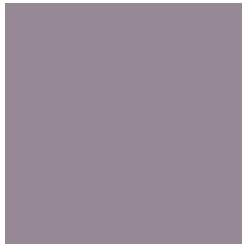
14.9470, 7.2330, 22.0435



0.2281, 0.1100, 0.3538

Previews

White Background



This preview shows how the XYZ color 27.0717, 26.3896, 32.5210 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 27.0717, 26.3896, 32.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

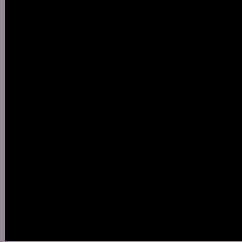
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0717, 26.3896, 32.5210

Background



This preview shows how black text looks on a background with the XYZ color 27.0717, 26.3896, 32.5210.



This preview shows how white text looks on a background with the XYZ color 27.0717, 26.3896,

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

27.0717, 26.3896, 32.5210

Protanopia

25.8608, 26.5986, 33.4768

Deuteranopia

26.8869, 26.2944, 32.5124



Tritanopia

26.8331, 26.2942, 31.2648

Trichromacy



Original Color

27.0717, 26.3896, 32.5210

Protanomaly

26.3201, 26.6289, 33.0308

Deuteranomaly

26.8869, 26.2944, 32.5124

Tritanomaly

26.9120, 26.3257, 31.6799

Monochromacy



Original Color

27.0717, 26.3896, 32.5210

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1660, 26.8202, 30.5858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0717, 26.3896, 32.5210 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(151, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(151, 136, 150)  
}
```

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(151, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 136, 150) }
```

Border

The CSS property to change the border of an element to XYZ 27.0717, 26.3896, 32.5210 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(151, 136, 150) }
```


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

```
.border{ border-color:rgb(151, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(151, 136,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0717, 26.3896, 32.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 136, 150) }
```

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

```
.background{ background-color: rgb(151,  
136, 150) }
```

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