

Converting Colors

XYZ(27.0160, 25.4357, 33.2789)

Have a look what the booklet for
XYZ(27.0160, 25.4357, 33.2789)
contains.

XYZ(27.0556, 25.5418, 33.2098)	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(27.0556, 25.5418,
33.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	998498
RGB	153, 132, 152
RGB Percent	60%, 52%, 60%
CMY	0.4000, 0.4823, 0.4039
CMYK	0.00, 0.14, 0.01, 0.40
HSL	303°, 9%, 56%
HSV	303°, 14%, 60%
XYZ	27.0556, 25.5418, 33.2098
YIQ	140.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

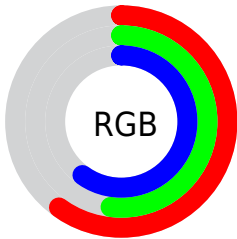
Format	Color
R_{YB}	153, 132, 152
Decimal	10060952
CIE _{Lab}	57.60, 11.67, -7.73
CIE _{LCh}	58, 13.999, 326.476
Yxy	25.5418, 0.3153, 0.2977
Android (android.graphics.Color)	4288251032 (0xFF998498)
YUV	140.5590, 5.6404, 10.9108
Hunter-Lab	50.5389, 7.1155, -3.5830

Details

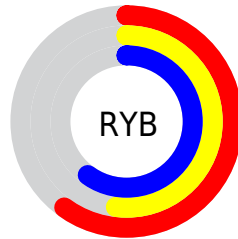
The XYZ color **27.0556, 25.5418, 33.2098** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1416, 29.3822, 26.5379**, and the grayscale version is **25.1225, 26.4309, 28.7832**.

A 20% lighter version of the original color is **54.2217, 52.4196, 65.6527**, and **10.8457, 9.7990, 13.6317** is the 20% darker color. If you saturate the color by 10%, you get **25.0719, 21.6692, 32.2552**, and if you desaturate by 10%, it is **29.3455, 30.0254, 34.2688**.

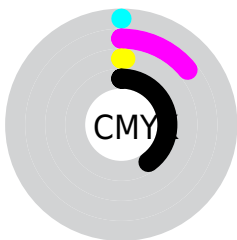
Distribution



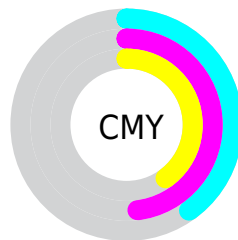
- Red (60%)
- Green (52%)
- Blue (60%)



- Red (60%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0556, 25.5418, 33.2098 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 27.0556, 25.5418, 33.2098 by changing the saturation by 10% instead.

■ 27.0556, 25.5418,
33.2098

■ 27.0556, 25.5418,
33.2098

280.0889,
280.5255, 331.2550

■ 17.7518, 16.4812,
22.0148

■ 54.3923, 52.5348,
65.8227

■ 10.8705, 9.8653,
13.6693

■ 73.1560, 71.2360,
88.0777

■ 6.0465, 5.3097,
7.7549

■ 95.8036, 93.9195,
114.8564

■ 2.9143, 2.4301,
3.8530

122.7005,
120.9697, 146.5774

■ 1.1086, 0.8413,
1.5451

154.2122,
152.7710, 183.6592

■ 0.0323, 0.0000,
0.2512

190.7039,

■ 0.0000, 0.0000,

189.7078, 226.5204

0.0000

232.5410,
232.1645, 275.5795

■ 27.0556, 25.5418,
33.2098

■ 27.0556, 25.5418,
33.2098

■ 25.0719, 21.6692,
32.2552

■ 29.3455, 30.0254,
34.2688

■ 23.3789, 18.3778,
31.3991

■ 31.9517, 35.1414,
35.4348

■ 21.9632, 15.6405,
30.6372

■ 34.8867, 40.9143,
36.7122

■ 20.8094, 13.4265,
29.9644

■ 38.1615, 47.3663,
38.1046

■ 19.9008, 11.7022,
29.3752

■ 41.7867, 54.5186,
39.6157

■ 19.2186, 10.4301,
28.8631

■ 45.7725, 62.3914,
41.2489

■ 18.7412, 9.5669,
28.4212

■ 50.1286, 71.0043,
43.0072

■ 18.4429, 9.0615,
28.0407

■ 54.8643, 80.3757,
44.8940

■ 18.3031, 8.8388,
27.8186

■ 55.1169, 80.7803,
45.2882

Harmonies

Analogous

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



25.7378, 25.5418, 36.8895



27.0556, 25.5418, 33.2098



27.6277, 25.5418, 28.3802

Triad

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



27.0556, 25.5418, 33.2098



24.4748, 25.5418, 19.5986



21.5122, 25.5418, 32.1191

Complementary

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



27.0556, 25.5418, 33.2098



25.1416, 29.3822, 26.5379

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.



21.2083, 25.5418, 27.2488



27.0556, 25.5418, 33.2098



22.8720, 25.5418, 20.3589

Square

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



27.0556, 25.5418, 33.2098



26.0952, 25.5418, 20.8219



21.6949, 25.5418, 23.0309



22.5447, 25.5418, 36.2107

Rectangle

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



27.0556, 25.5418, 33.2098



27.4907, 25.5418, 25.2812



21.6949, 25.5418, 23.0309



21.3235, 25.5418, 30.5035

Sweetspot

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



27.0564, 25.5429, 33.2104



52.3985, 53.4669, 61.3002



23.6277, 23.7659, 33.4794



11.5025, 11.6736, 13.5049



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.



27.0564, 25.5429, 33.2104



47.4814, 43.8426, 59.0143



26.2564, 25.2229, 28.9981



6.4485, 6.3186, 7.7420



15.1305, 7.3064, 23.0100



0.2296, 0.1106, 0.3617

Inverse Universe

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



27.0564, 25.5429, 33.2104



47.4814, 43.8426, 59.0143



25.8809, 29.6779, 30.4313



6.4485, 6.3186, 7.7420



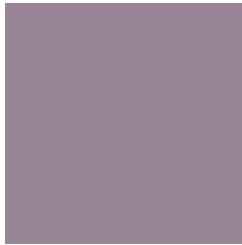
15.1305, 7.3064, 23.0100



0.2296, 0.1106, 0.3617

Previews

White Background



This preview shows how the XYZ color 27.0556, 25.5418, 33.2098 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 27.0556, 25.5418, 33.2098 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 27.0556, 25.5418, 33.2098

Background



This preview shows how black text looks on a background with the XYZ color 27.0556, 25.5418, 33.2098.



This preview shows how white text looks on a background with the XYZ color 27.0556, 25.5418,

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

27.0556, 25.5418, 33.2098

Protanopia

25.0154, 25.4921, 34.6124

Deuteranopia

26.1039, 25.6733, 32.8578



Tritanopia

26.3705, 25.4641, 29.9107

Trichromacy



Original Color

27.0556, 25.5418, 33.2098

Protanomaly

25.6520, 25.4118, 34.1248

Deuteranomaly

26.5054, 25.6741, 32.8368

Tritanomaly

26.6029, 25.5570, 31.1346

Monochromacy



Original Color

27.0556, 25.5418, 33.2098

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8764, 26.2410, 30.4893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0556, 25.5418, 33.2098 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(153, 132, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 132, 152)  
}
```

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(153, 132, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 132, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.0556, 25.5418, 33.2098 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(153, 132, 152) }
```


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

```
.border{ border-color:rgb(153, 132, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 132, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 132, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 132, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 132,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0556, 25.5418, 33.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 132, 152) }
```

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

```
.background{ background-color: rgb(153,  
132, 152) }
```

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