

Converting Colors

XYZ(27.0327, 27.3877, 28.4900)

Have a look what the booklet for
XYZ(27.0327, 27.3877, 28.4900)
contains.

XYZ(27.0606, 27.3250, 28.6590)	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(27.0606, 27.3250,
28.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	988C8C
RGB	152, 140, 140
RGB Percent	60%, 55%, 55%
CMY	0.4039, 0.4510, 0.4510
CMYK	0.00, 0.08, 0.08, 0.40
HSL	0°, 6%, 57%
HSV	0°, 8%, 60%
XYZ	27.0606, 27.3250, 28.6590
YIQ	143.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

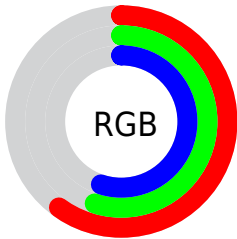
Format	Color
R_{YB}	152, 140, 140
Decimal	9997452
CIE _{Lab}	59.27, 4.47, 1.61
CIE _{LCh}	59, 4.754, 19.791
Yxy	27.3250, 0.3259, 0.3290
Android (android.graphics.Color)	4288187532 (0xFF988C8C)
YUV	143.5880, -1.7689, 7.3773
Hunter-Lab	52.2733, 0.9267, 4.0854

Details

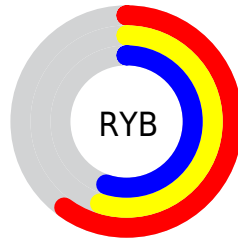
The XYZ color **27.0606, 27.3250, 28.6590** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7109, 30.2985, 34.0938**, and the grayscale version is **26.3492, 27.7214, 30.1886**.

A 20% lighter version of the original color is **54.3710, 55.5556, 58.3097**, and **10.8685, 10.8172, 11.1880** is the 20% darker color. If you saturate the color by 10%, you get **23.9472, 22.7694, 22.4683**, and if you desaturate by 10%, it is **30.6371, 32.5583, 35.7687**.

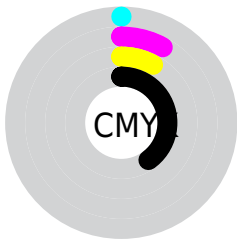
Distribution



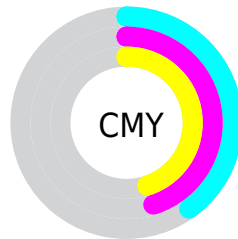
- Red (60%)
- Green (55%)
- Blue (55%)



- Red (60%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0606, 27.3250, 28.6590 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 27.0606, 27.3250, 28.6590 by changing the saturation by 10% instead.

■ 27.0606, 27.3250,
28.6590

■ 27.0606, 27.3250,
28.6590

280.1126,
289.2273, 309.6130

■ 17.7556, 17.8175,
18.5797

■ 54.4003, 55.4049,
58.5706

■ 10.8733, 10.8190,
11.1932

■ 73.1657, 74.7461,
79.2399

■ 6.0483, 5.9453,
6.0811

■ 95.8152, 98.1340,
104.2762

■ 2.9154, 2.8118,
2.8249

122.7142,
125.9530, 134.0982

■ 1.1092, 1.0343,
1.0059

154.2281,
158.5874, 169.1244

■ 0.0328, 0.0000,
0.0000

190.7223,

■ 0.0000, 0.0000,

196.4216, 209.7732

0.0000

232.5620,
239.8401, 256.4632

■ 27.0606, 27.3250,
28.6590

■ 27.0606, 27.3250,
28.6590

■ 23.9472, 22.7694,
22.4683

■ 30.6371, 32.5583,
35.7687

■ 21.2758, 18.8605,
17.1573

■ 34.6921, 38.4917,
43.8307

■ 19.0270, 15.5699,
12.6867

■ 39.2432, 45.1508,
52.8791

■ 17.1792, 12.8661,
9.0135

■ 44.3063, 52.5592,
62.9457

■ 15.7090, 10.7146,
6.0908

■ 49.8967, 60.7391,
74.0608

■ 14.5901, 9.0773,
3.8668

■ 56.0291, 69.7118,
86.2534

■ 13.7934, 7.9114,
2.2834

■ 62.7174, 79.4981,
99.5515

■ 13.2848, 7.1671,
1.2728

■ 66.7590, 85.4155,
107.5760

■ 13.0016, 6.7526,
0.7100

Harmonies

Analogous

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



27.1114, 27.3250, 30.3355



27.0606, 27.3250, 28.6590



26.7156, 27.3250, 27.3247

Triad

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



27.0606, 27.3250, 28.6590



25.1095, 27.3250, 27.6912



25.7698, 27.3250, 33.0872

Complementary

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



27.0606, 27.3250, 28.6590



27.7109, 30.2985, 34.0938

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.



25.2416, 27.3250, 32.3195



27.0606, 27.3250, 28.6590



24.8642, 27.3250, 29.1766

Square

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



27.0606, 27.3250, 28.6590



25.5870, 27.3250, 26.7809



24.9122, 27.3250, 30.8730



26.3600, 27.3250, 32.9358

Rectangle

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



27.0606, 27.3250, 28.6590



26.3679, 27.3250, 26.7885



24.9122, 27.3250, 30.8730



25.5792, 27.3250, 32.9270

Sweetspot

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



27.0614, 27.3262, 28.6596



51.3603, 53.4930, 57.7335



27.9948, 27.6990, 33.5770



11.6916, 12.1847, 13.1580



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.



27.0614, 27.3262, 28.6596



47.0168, 47.1374, 49.0979



27.9618, 29.1270, 28.9597



6.2089, 6.2229, 6.4797



10.8577, 5.5978, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



27.7109, 30.2985, 34.0938



48.3380, 53.1832, 60.1514



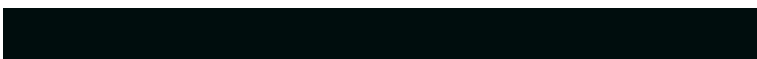
26.7620, 28.4006, 33.7774



6.3845, 7.0263, 7.9487



14.1624, 20.7215, 28.1609



0.2118, 0.3098, 0.4210

Previews

White Background



This preview shows how the XYZ color 27.0606, 27.3250, 28.6590 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 27.0606, 27.3250, 28.6590 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

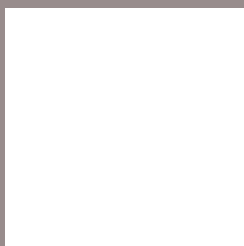
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0606, 27.3250, 28.6590

Background



This preview shows how black text looks on a background with the XYZ color 27.0606, 27.3250, 28.6590.

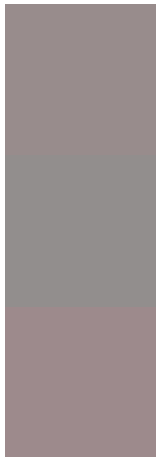


This preview shows how white text looks on a background with the XYZ color 27.0606, 27.3250,

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

27.0606, 27.3250, 28.6590

Protanopia

26.3348, 27.3801, 29.0962

Deuteranopia

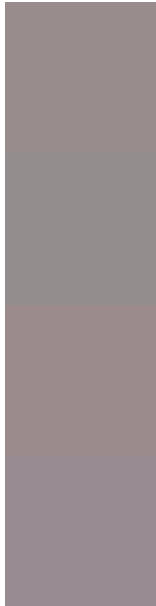
27.7267, 27.2385, 28.6071



Tritanopia

27.7943, 27.4075, 32.2590

Trichromacy



Original Color

27.0606, 27.3250, 28.6590

Protanomaly

26.5453, 27.2687, 29.0636

Deuteranomaly

27.4838, 27.3272, 28.6371

Tritanomaly

27.5578, 27.3129, 31.0136

Monochromacy



Original Color

27.0606, 27.3250, 28.6590

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8130, 27.8311, 29.9453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0606, 27.3250, 28.6590 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(152, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(152, 140, 140)  
}
```

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(152, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.0606, 27.3250, 28.6590 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(152, 140, 140) }
```


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

```
.border{ border-color:rgb(152, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(152, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0606, 27.3250, 28.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 140, 140) }
```

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

```
.background{ background-color: rgb(152,  
140, 140) }
```

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