

Converting Colors

XYZ(27.4211, 29.7179, 33.9545)

Have a look what the booklet for
XYZ(27.4211, 29.7179, 33.9545)
contains.

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Color

**XYZ(27.3891, 29.6551,
33.9862)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9698
RGB	140, 150, 152
RGB Percent	55%, 59%, 60%
CMY	0.4510, 0.4118, 0.4039
CMYK	0.08, 0.01, 0.00, 0.40
HSL	190°, 6%, 57%
HSV	190°, 8%, 60%
XYZ	27.3891, 29.6551, 33.9862
YIQ	147.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

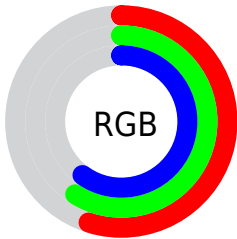
Format	Color
R_{YB}	140, 145, 152
Decimal	9213592
CIE _{Lab}	61.36, -3.17, -2.30
CIE _{LCh}	61, 3.917, 215.891
Yxy	29.6551, 0.3009, 0.3258
Android (android.graphics.Color)	4287403672 (0xFF8C9698)
YUV	147.2380, 2.3477, -6.3477
Hunter-Lab	54.4565, -5.5216, 1.1168

Details

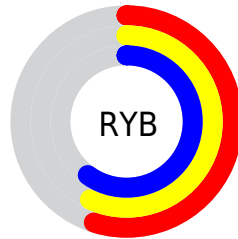
The XYZ color **27.3891, 29.6551, 33.9862** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3558, 27.9149, 28.7579**, and the grayscale version is **27.8249, 29.2739, 31.8793**.

A 20% lighter version of the original color is **54.9816, 59.1113, 66.9043**, and **11.0273, 12.0369, 14.0541** is the 20% darker color. If you saturate the color by 10%, you get **24.6034, 27.6268, 33.7420**, and if you desaturate by 10%, it is **30.5390, 31.8858, 34.2512**.

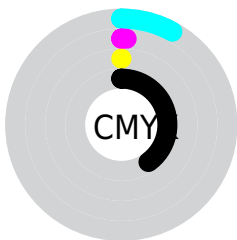
Distribution



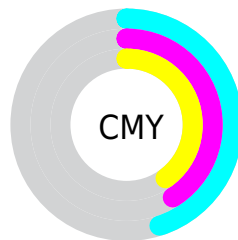
- Red (55%)
- Green (59%)
- Blue (60%)



- Red (55%)
- Yellow (57%)
- Blue (60%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3891, 29.6551, 33.9862 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 27.3891, 29.6551, 33.9862 by changing the saturation by 10% instead.

■ 27.3891, 29.6551,
33.9862

■ 27.3891, 29.6551,
33.9862

281.6695,
300.2935, 334.8378

■ 18.0038, 19.5769,
22.6057

■ 54.9231, 59.1163,
67.0459

■ 11.0524, 12.0879,
14.1001

■ 73.8025, 79.2682,
89.5621

■ 6.1696, 6.8036,
8.0508

■ 96.5773, 103.5467,
116.6274

■ 2.9901, 3.3396,
4.0392

123.6128,
132.3363, 148.6602

■ 1.1486, 1.3115,
1.6469

155.2744,
166.0214, 186.0791

■ 0.0652, 0.1501,
0.3239

191.9275,

■ 0.0000, 0.0000,

204.9864, 229.3027

0.0000

233.9374,
249.6156, 278.7494

■ 27.3891, 29.6551,
33.9862

■ 27.3891, 29.6551,
33.9862

■ 24.6034, 27.6268,
33.7420

■ 30.5390, 31.8858,
34.2512

■ 22.1650, 25.7895,
33.5159

■ 34.0643, 34.3222,
34.5357

■ 20.0592, 24.1365,
33.3078

■ 37.9787, 36.9723,
34.8409

■ 18.2694, 22.6591,
33.1170

■ 42.2945, 39.8425,
35.1674

■ 16.7774, 21.3479,
32.9425

■ 47.0235, 42.9390,
35.5159

■ 15.5633, 20.1925,
32.7835

■ 52.1770, 46.2677,
35.8867

■ 14.6046, 19.1811,
32.6388

■ 57.7657, 49.8342,
36.2806

■ 13.8750, 18.3003,
32.5072

■ 61.3291, 52.3700,
36.5822

■ 13.3263, 17.5250,
32.3865

■ 61.8090, 53.3299,
36.7422

Harmonies

Analogous

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



27.2096, 29.6551, 32.5823



27.3891, 29.6551, 33.9862



27.7824, 29.6551, 34.9566

Triad

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



27.3891, 29.6551, 33.9862



29.1028, 29.6551, 33.4655



28.0844, 29.6551, 29.5411

Complementary

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



27.3891, 29.6551, 33.9862



27.3558, 27.9149, 28.7579

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.



28.5940, 29.6551, 29.7614



27.3891, 29.6551, 33.9862



29.1861, 29.6551, 31.9982

Square

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



27.3891, 29.6551, 33.9862



28.7727, 29.6551, 34.6496



28.9988, 29.6551, 30.6500



27.6079, 29.6551, 30.0388

Rectangle

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



27.3891, 29.6551, 33.9862



28.1152, 29.6551, 35.2111



28.9988, 29.6551, 30.6500



28.2575, 29.6551, 29.5339

Sweetspot

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



27.3900, 29.6564, 33.9869



51.5207, 54.6062, 60.2583



26.9115, 29.9795, 29.8814



11.7259, 12.4225, 13.6973



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.



27.3900, 29.6564, 33.9869



47.6801, 51.8674, 59.9321



26.4869, 27.8502, 33.6858



6.2970, 6.8514, 7.9195



11.1016, 14.5999, 27.1406



0.1865, 0.2593, 0.4126

Inverse Universe

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



27.8327, 27.6343, 32.7225



48.5830, 47.7627, 57.3494



28.2416, 29.6865, 29.0532



6.4170, 6.3060, 7.5763



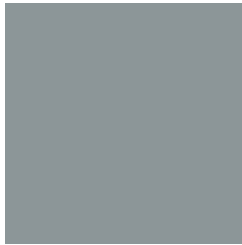
14.0623, 6.8792, 17.3851



0.2206, 0.1070, 0.3144

Previews

White Background



This preview shows how the XYZ color 27.3891, 29.6551, 33.9862 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 27.3891, 29.6551, 33.9862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

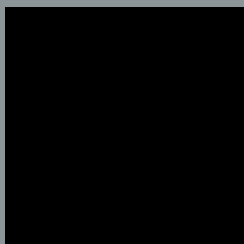
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

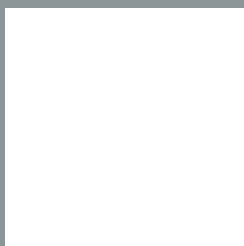
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3891, 29.6551, 33.9862

Background



This preview shows how black text looks on a background with the XYZ color 27.3891, 29.6551, 33.9862.



This preview shows how white text looks on a background with the XYZ color 27.3891, 29.6551,

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

27.3891, 29.6551, 33.9862

Protanopia

28.5164, 29.5535, 33.0556

Deuteranopia

30.0694, 29.4184, 34.2305



Tritanopia

28.0771, 29.6957, 37.5097

Trichromacy



Original Color

27.3891, 29.6551, 33.9862

Protanomaly

28.0299, 29.5252, 33.4998

Deuteranomaly

29.1655, 29.6300, 34.3190

Tritanomaly

27.8178, 29.5919, 36.1439

Monochromacy



Original Color

27.3891, 29.6551, 33.9862

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5163, 29.2790, 32.6349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3891, 29.6551, 33.9862 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(140, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 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(140, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.3891, 29.6551, 33.9862 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(140, 150, 152) }
```


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

```
.border{ border-color:rgb(140, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3891, 29.6551, 33.9862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 152) }
```

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

```
.background{ background-color: rgb(140,  
150, 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](#).

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