

Converting Colors

XYZ(26.1581, 27.7106, 34.0105)

Have a look what the booklet for
XYZ(26.1581, 27.7106, 34.0105)
contains.

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Color

**XYZ(26.0396, 27.5648,
34.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	899099
RGB	137, 144, 153
RGB Percent	54%, 56%, 60%
CMY	0.4627, 0.4353, 0.4000
CMYK	0.10, 0.06, 0.00, 0.40
HSL	214°, 7%, 57%
HSV	214°, 10%, 60%
XYZ	26.0396, 27.5648, 34.0851
YIQ	142.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

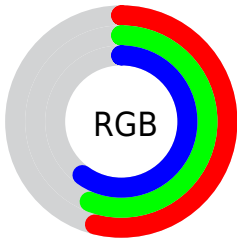
Format	Color
R_{YB}	137, 142, 153
Decimal	9015449
CIE _{Lab}	59.49, -0.66, -5.64
CIE _{LCh}	59, 5.677, 263.289
Yxy	27.5648, 0.2970, 0.3143
Android (android.graphics.Color)	4287205529 (0xFF899099)
YUV	142.9330, 4.9630, -5.2032
Hunter-Lab	52.5022, -3.3479, -1.7403

Details

The XYZ color **26.0396, 27.5648, 34.0851** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9313, 29.1362, 27.8192**, and the grayscale version is **26.0652, 27.4226, 29.8633**.

A 20% lighter version of the original color is **52.6918, 55.8403, 67.0326**, and **10.3315, 10.9910, 14.1473** is the 20% darker color. If you saturate the color by 10%, you get **22.4534, 23.8552, 33.5585**, and if you desaturate by 10%, it is **30.0824, 31.6588, 34.6627**.

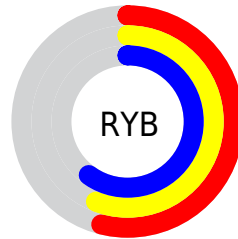
Distribution



Red (54%)

Green (56%)

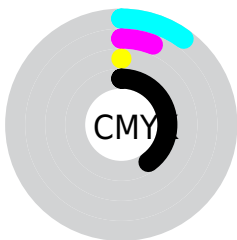
Blue (60%)



Red (54%)

Yellow (56%)

Blue (60%)

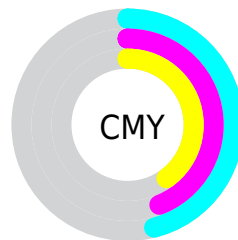


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (40%)



Cyan (46%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0396, 27.5648, 34.0851 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 26.0396, 27.5648, 34.0851 by changing the saturation by 10% instead.

■ 26.0396, 27.5648,
34.0851

■ 26.0396, 27.5648,
34.0851

275.2296,
290.3815, 335.2921

■ 16.9861, 17.9979,
22.6811

■ 52.7697, 55.7889,
67.2014

■ 10.3198, 10.9484,
14.1551

■ 71.1770, 75.2148,
89.7508

■ 5.6754, 6.0322,
8.0887

■ 93.4329, 98.6958,
116.8523

■ 2.6875, 2.8647,
4.0631

119.9028,
126.6164, 148.9246

■ 0.9907, 1.0615,
1.6600

150.9521,
159.3608, 186.3862

■ 0.0000, 0.0000,
0.3331

186.9460,

■ 0.0000, 0.0000,

197.3135, 229.6556

0.0000

228.2501,
240.8590, 279.1514

■ 26.0396, 27.5648,
34.0851

■ 26.0396, 27.5648,
34.0851

■ 22.4534, 23.8552,
33.5585

■ 30.0824, 31.6588,
34.6627

■ 19.3044, 20.5144,
33.0797

■ 34.5957, 36.1451,
35.2907

■ 16.5750, 17.5309,
32.6476

■ 39.5954, 41.0360,
35.9713

■ 14.2459, 14.8909,
32.2608

■ 45.0962, 46.3419,
36.7055

■ 12.2956, 12.5799,
31.9175

■ 51.1121, 52.0728,
37.4946

■ 10.7007, 10.5821,
31.6160

■ 57.6565, 58.2387,
38.3398

■ 9.4350, 8.8798,
31.3541

■ 64.7423, 64.8487,
39.2422

■ 8.4679, 7.4531,
31.1297

■ 70.7437, 71.0675,
40.1262

■ 7.7544, 6.3090,
30.9465

■ 72.9636, 75.5074,
40.8662

Harmonies

Analogous

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



25.3883, 27.5648, 33.2731



26.0396, 27.5648, 34.0851



26.7454, 27.5648, 33.7671

Triad

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



26.0396, 27.5648, 34.0851



27.4794, 27.5648, 28.4873



25.1155, 27.5648, 27.7265

Complementary

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



26.0396, 27.5648, 34.0851



27.9313, 29.1362, 27.8192

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.



25.6611, 27.5648, 26.5487



26.0396, 27.5648, 34.0851



27.0278, 27.5648, 26.9739

Square

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



26.0396, 27.5648, 34.0851



27.5851, 27.5648, 30.4746



26.3601, 27.5648, 26.2796



24.8611, 27.5648, 29.5568

Rectangle

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



26.0396, 27.5648, 34.0851



27.1511, 27.5648, 32.9637



26.3601, 27.5648, 26.2796



25.2705, 27.5648, 27.2445

Sweetspot

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



26.0404, 27.5660, 34.0857



51.9097, 54.7221, 61.7985



26.8811, 30.1704, 31.5199



11.3366, 11.9565, 13.6278



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.



26.0404, 27.5660, 34.0857



44.7553, 47.4381, 60.7696



25.1442, 25.5781, 33.7493



6.0958, 6.4489, 7.8524



6.4410, 5.2786, 25.5871



0.1316, 0.1495, 0.3943

Inverse Universe

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



27.1172, 26.6779, 30.1070



47.1678, 45.5078, 51.8426



28.8934, 31.2838, 28.1831



6.3154, 6.2653, 7.0412



11.7099, 5.9382, 4.9972



0.1929, 0.0959, 0.1686

Previews

White Background



This preview shows how the XYZ color 26.0396, 27.5648, 34.0851 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 26.0396, 27.5648, 34.0851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

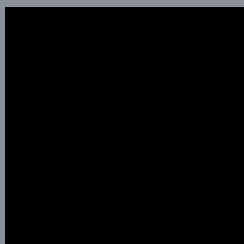
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0396, 27.5648, 34.0851

Background



This preview shows how black text looks on a background with the XYZ color 26.0396, 27.5648, 34.0851.



This preview shows how white text looks on a background with the XYZ color 26.0396, 27.5648,

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

26.0396, 27.5648, 34.0851

Protanopia

26.6682, 27.4526, 33.5991

Deuteranopia

28.0142, 27.4737, 34.3983



Tritanopia

26.2062, 27.6314, 34.9625

Trichromacy



Original Color

26.0396, 27.5648, 34.0851

Protanomaly

26.4745, 27.5746, 33.6328

Deuteranomaly

27.3902, 27.5859, 34.4528

Tritanomaly

26.1225, 27.5980, 34.5220

Monochromacy



Original Color

26.0396, 27.5648, 34.0851

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0734, 27.4142, 31.5210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0396, 27.5648, 34.0851 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(137, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 153)  
}
```

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(137, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.0396, 27.5648, 34.0851 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(137, 144, 153) }
```


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

```
.border{ border-color:rgb(137, 144, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(137, 144,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0396, 27.5648, 34.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 153) }
```

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

```
.background{ background-color: rgb(137,  
144, 153) }
```

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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