

Converting Colors

XYZ(25.3518, 27.4098, 30.5639)

Have a look what the booklet for
XYZ(25.3518, 27.4098, 30.5639)
contains.

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Color

**XYZ(25.3896, 27.5294,
30.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	889191
RGB	136, 145, 145
RGB Percent	53%, 57%, 57%
CMY	0.4667, 0.4314, 0.4314
CMYK	0.06, 0.00, 0.00, 0.43
HSL	180°, 4%, 55%
HSV	180°, 6%, 57%
XYZ	25.3896, 27.5294, 30.7636
YIQ	142.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

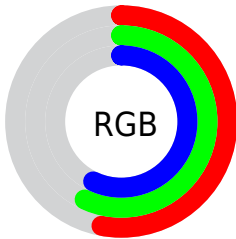
Format	Color
R_{YB}	136, 141, 145
Decimal	8950161
CIE _{Lab}	59.46, -3.25, -1.13
CIE _{LCh}	59, 3.440, 199.199
Yxy	27.5294, 0.3034, 0.3290
Android (android.graphics.Color)	4287140241 (0xFF889191)
YUV	142.3090, 1.3267, -5.5330
Hunter-Lab	52.4685, -5.4433, 1.9647

Details

The XYZ color **25.3896, 27.5294, 30.7636** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9262, 25.4064, 26.8841**, and the grayscale version is **25.8306, 27.1758, 29.5945**.

A 20% lighter version of the original color is **51.7185, 55.7892, 62.0754**, and **9.9955, 10.9891, 12.4208** is the 20% darker color. If you saturate the color by 10%, you get **23.1921, 26.3973, 30.6598**, and if you desaturate by 10%, it is **27.9073, 28.8281, 30.8836**.

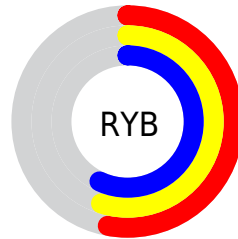
Distribution



Red (53%)

Green (57%)

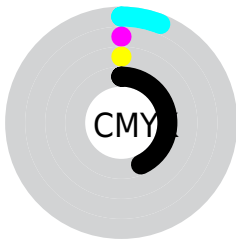
Blue (57%)



Red (53%)

Yellow (55%)

Blue (57%)

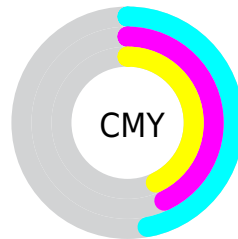


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3896, 27.5294, 30.7636 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 25.3896, 27.5294, 30.7636 by changing the saturation by 10% instead.

■ 25.3896, 27.5294,
30.7636

■ 25.3896, 27.5294,
30.7636

272.0846,
290.2113, 319.7651

■ 16.4978, 17.9712,
20.1619

■ 51.7269, 55.7322,
61.9429

■ 9.9702, 10.9293,
12.3276

■ 69.9032, 75.1457,
83.3576

■ 5.4413, 6.0193,
6.8419

■ 91.9050, 98.6130,
109.2138

■ 2.5458, 2.8568,
3.2865

118.0977,
126.5185, 139.9299

■ 0.9184, 1.0575,
1.2427

148.8467,
159.2467, 175.9246

■ 0.0000, 0.0000,
0.0141

184.5172,

■ 0.0000, 0.0000,

197.1820, 217.6163

0.0000

225.4748,
240.7088, 265.4237

■ 25.3896, 27.5294,
30.7636

■ 25.3896, 27.5294,
30.7636

■ 23.1921, 26.3973,
30.6598

■ 27.9073, 28.8281,
30.8836

■ 21.2997, 25.4218,
30.5697

■ 30.7549, 30.2960,
31.0184

■ 19.6997, 24.5970,
30.4932

■ 33.9445, 31.9402,
31.1692

■ 18.3775, 23.9154,
30.4298

■ 37.4868, 33.7664,
31.3365

■ 17.3173, 23.3689,
30.3786

■ 41.3924, 35.7797,
31.5209

■ 16.5016, 22.9485,
30.3389

■ 45.6711, 37.9854,
31.7227

■ 15.9110, 22.6440,
30.3097

■ 50.3324, 40.3884,
31.9424

■ 15.5229, 22.4440,
30.2900

■ 55.3856, 42.9934,
32.1804

■ 15.3030, 22.3306,
30.2781

■ 56.4795, 43.5573,
32.2332

Harmonies

Analogous

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



25.3588, 27.5294, 29.5315



25.3896, 27.5294, 30.7636



25.6271, 27.5294, 31.8111

Triad

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



25.3896, 27.5294, 30.7636



26.7994, 27.5294, 31.5556



26.3218, 27.5294, 27.6993

Complementary

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



25.3896, 27.5294, 30.7636



24.9262, 25.4064, 26.8841

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.



26.7121, 27.5294, 28.2107



25.3896, 27.5294, 30.7636



26.9899, 27.5294, 30.4226

Square

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



25.3896, 27.5294, 30.7636



26.4399, 27.5294, 32.2769



26.9578, 27.5294, 29.1997



25.8938, 27.5294, 27.7849

Rectangle

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



25.3896, 27.5294, 30.7636



25.8721, 27.5294, 32.2530



26.9578, 27.5294, 29.1997



26.4618, 27.5294, 27.8065

Sweetspot

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



25.3904, 27.5306, 30.7642



47.2755, 50.2324, 55.1771



24.7479, 27.2764, 27.2535



10.5300, 11.1815, 12.2753



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.3904, 27.5306, 30.7642



45.0751, 49.0981, 55.0727



24.7383, 26.2262, 30.5478



5.6547, 6.1650, 6.9204



13.0661, 19.1223, 25.9661



0.1249, 0.1828, 0.2483

Inverse Universe

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



24.9262, 25.4064, 26.8841



44.1242, 44.7465, 47.1239



25.5513, 26.6570, 27.0916



5.5322, 5.6045, 5.8966



10.0160, 5.1634, 0.4698



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 25.3896, 27.5294, 30.7636 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 25.3896, 27.5294, 30.7636 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

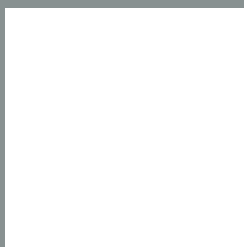
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3896, 27.5294, 30.7636

Background



This preview shows how black text looks on a background with the XYZ color 25.3896, 27.5294, 30.7636.



This preview shows how white text looks on a background with the XYZ color 25.3896, 27.5294,

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

25.3896, 27.5294, 30.7636

Protanopia

26.3080, 27.3489, 29.8789

Deuteranopia

27.9385, 27.5091, 31.0314



Tritanopia

26.2201, 27.4148, 34.9200

Trichromacy



Original Color

25.3896, 27.5294, 30.7636

Protanomaly

26.0118, 27.4093, 30.3051

Deuteranomaly

26.9259, 27.4210, 31.0678

Tritanomaly

25.8757, 27.4992, 33.2222

Monochromacy



Original Color

25.3896, 27.5294, 30.7636

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5956, 27.2035, 29.8884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3896, 27.5294, 30.7636 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(136, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 145)  
}
```

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(136, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.3896, 27.5294, 30.7636 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(136, 145, 145) }
```


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

```
.border{ border-color:rgb(136, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3896, 27.5294, 30.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 145) }
```

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

```
.background{ background-color: rgb(136,  
145, 145) }
```

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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