

Converting Colors

XYZ(25.3601, 27.6082, 31.2579)

Have a look what the booklet for
XYZ(25.3601, 27.6082, 31.2579)
contains.

XYZ(25.3054, 27.4770, 31.1640)	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(25.3054, 27.4770,
31.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	879192
RGB	135, 145, 146
RGB Percent	53%, 57%, 57%
CMY	0.4706, 0.4314, 0.4274
CMYK	0.08, 0.01, 0.00, 0.43
HSL	185°, 5%, 55%
HSV	185°, 8%, 57%
XYZ	25.3054, 27.4770, 31.1640
YIQ	142.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

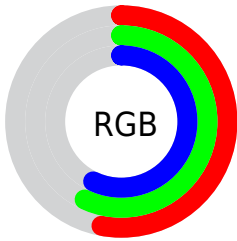
Format	Color
R_{YB}	135, 140, 146
Decimal	8884626
CIE _{Lab}	59.41, -3.40, -1.78
CIE _{LCh}	59, 3.837, 207.653
Yxy	27.4770, 0.3014, 0.3273
Android (android.graphics.Color)	4287074706 (0xFF879192)
YUV	142.1240, 1.9109, -6.2477
Hunter-Lab	52.4185, -5.5603, 1.4437

Details

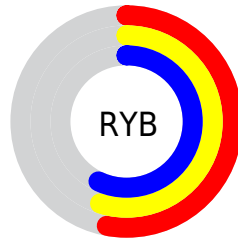
The XYZ color **25.3054, 27.4770, 31.1640** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0316, 25.4685, 26.5188**, and the grayscale version is **25.7553, 27.0966, 29.5082**.

A 20% lighter version of the original color is **51.5878, 55.7083, 62.6774**, and **9.9498, 10.9602, 12.6575** is the 20% darker color. If you saturate the color by 10%, you get **22.9146, 25.9465, 30.9950**, and if you desaturate by 10%, it is **28.0223, 29.1806, 31.3501**.

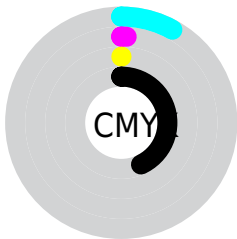
Distribution



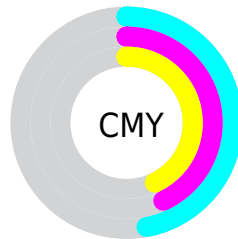
- Red (53%)
- Green (57%)
- Blue (57%)



- Red (53%)
- Yellow (55%)
- Blue (57%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3054, 27.4770, 31.1640 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 25.3054, 27.4770, 31.1640 by changing the saturation by 10% instead.

■ 25.3054, 27.4770,
31.1640

■ 25.3054, 27.4770,
31.1640

271.6751,
289.9593, 321.6677

■ 16.4347, 17.9318,
20.4643

■ 51.5916, 55.6484,
62.5808

■ 9.9251, 10.9010,
12.5455

■ 69.7377, 75.0433,
84.1349

■ 5.4112, 6.0003,
6.9893

■ 91.7064, 98.4903,
110.1442

■ 2.5277, 2.8453,
3.3771

117.8630,
126.3736, 141.0273

■ 0.9092, 1.0515,
1.2903

148.5728,
159.0778, 177.2026

■ 0.0000, 0.0000,
0.0538

184.2012,

■ 0.0000, 0.0000,

196.9873, 219.0888

0.0000

225.1135,
240.4863, 267.1043

■ 25.3054, 27.4770,
31.1640

■ 25.3054, 27.4770,
31.1640

■ 22.9146, 25.9465,
30.9950

■ 28.0223, 29.1806,
31.3501

■ 20.8345, 24.5790,
30.8407

■ 31.0753, 31.0602,
31.5519

■ 19.0519, 23.3683,
30.7010

■ 34.4767, 33.1229,
31.7708

■ 17.5520, 22.3068,
30.5751

■ 38.2378, 35.3746,
32.0072

■ 16.3183, 21.3860,
30.4624

■ 42.3689, 37.8206,
32.2616

■ 15.3329, 20.5967,
30.3620

■ 46.8804, 40.4663,
32.5345

■ 14.5757, 19.9283,
30.2729

■ 51.7819, 43.3166,
32.8263

■ 14.0232, 19.3690,
30.1941

■ 57.0830, 46.3764,
33.1375

■ 13.6324, 18.8964,
30.1234

■ 58.4724, 47.4234,
33.2664

Harmonies

Analogous

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



25.2029, 27.4770, 29.8095



25.3054, 27.4770, 31.1640



25.6244, 27.4770, 32.2117

Triad

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



25.3054, 27.4770, 31.1640



26.9052, 27.4770, 31.3574



26.1540, 27.4770, 27.3486

Complementary

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



25.3054, 27.4770, 31.1640



25.0316, 25.4685, 26.5188

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.



26.6140, 27.4770, 27.7354



25.3054, 27.4770, 31.1640



27.0511, 27.4770, 30.0264

Square

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



25.3054, 27.4770, 31.1640



26.5477, 27.4770, 32.3258



26.9439, 27.4770, 28.7052



25.6892, 27.4770, 27.6324

Rectangle

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



25.3054, 27.4770, 31.1640



25.9188, 27.4770, 32.5805



26.9439, 27.4770, 28.7052



26.3143, 27.4770, 27.4042

Sweetspot

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



25.3062, 27.4782, 31.1646



47.2022, 50.0856, 55.1532



24.7091, 27.4844, 27.2647



10.5148, 11.1509, 12.2704



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.



25.3062, 27.4782, 31.1646



43.9081, 48.0081, 54.9258



24.4978, 25.8614, 30.8951



5.9196, 6.4732, 7.4072



11.9258, 16.5464, 26.4963



0.1566, 0.2237, 0.3278

Inverse Universe

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



25.6295, 25.4839, 30.3574



44.5974, 43.7726, 53.2016



25.8141, 27.0336, 26.7797



6.0129, 5.9002, 7.1739



14.1467, 6.8637, 20.0512



0.1785, 0.0861, 0.2736

Previews

White Background



This preview shows how the XYZ color 25.3054, 27.4770, 31.1640 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 25.3054, 27.4770, 31.1640 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

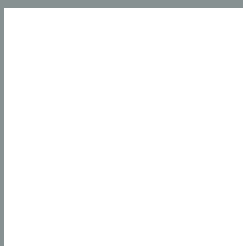
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3054, 27.4770, 31.1640

Background



This preview shows how black text looks on a background with the XYZ color 25.3054, 27.4770, 31.1640.



This preview shows how white text looks on a background with the XYZ color 25.3054, 27.4770,

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

25.3054, 27.4770, 31.1640

Protanopia

26.3841, 27.3794, 30.2797

Deuteranopia

28.0166, 27.5404, 31.4430



Tritanopia

26.2062, 27.6314, 34.9625

Trichromacy



Original Color

25.3054, 27.4770, 31.1640

Protanomaly

25.9178, 27.3520, 30.7015

Deuteranomaly

27.0041, 27.4522, 31.4793

Tritanomaly

25.7941, 27.4478, 33.6442

Monochromacy



Original Color

25.3054, 27.4770, 31.1640

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4278, 27.1171, 29.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3054, 27.4770, 31.1640 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(135, 145, 146)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 146)  
}
```

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(135, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.3054, 27.4770, 31.1640 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(135, 145, 146) }
```


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

```
.border{ border-color:rgb(135, 145, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 145, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 145, 146);  
box-shadow:4px 4px 4px 4px rgb(135, 145,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3054, 27.4770, 31.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 146) }
```

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

```
.background{ background-color: rgb(135,  
145, 146) }
```

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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