

Converting Colors

XYZ(25.6942, 31.1910, 5.8521)

Have a look what the booklet for
XYZ(25.6942, 31.1910, 5.8521)
contains.

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Color

**XYZ(25.6052, 31.0727,
5.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9D1D
RGB	154, 157, 29
RGB Percent	60%, 62%, 11%
CMY	0.3961, 0.3843, 0.8862
CMYK	0.02, 0.00, 0.82, 0.38
HSL	61°, 69%, 36%
HSV	61°, 82%, 62%
XYZ	25.6052, 31.0727, 5.8105
YIQ	141.5110, 39.3000, -40.4440

Conversions

Conversions Part 2

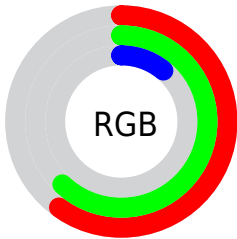
Format	Color
RYB	29, 157, 32
Decimal	10132765
CIELab	62.57, -15.74, 60.17
CIELCh	63, 62.190, 104.657
Yxy	31.0727, 0.4098, 0.4973
Android (android.graphics.Color)	4288322845 (0xFF9A9D1D)
YUV	141.5110, -55.4679, 10.9529
Hunter-Lab	55.7429, -15.5570, 32.8398

Details

The XYZ color **25.6052, 31.0727, 5.8105** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.1217, 3.6208, 32.2238**, and the grayscale version is **25.7200, 27.0594, 29.4677**.

A 20% lighter version of the original color is **51.8379, 61.1093, 17.8672**, and **10.2996, 12.9607, 1.9588** is the 20% darker color. If you saturate the color by 10%, you get **25.3886, 30.9791, 5.0326**, and if you desaturate by 10%, it is **25.9224, 31.2088, 7.1108**.

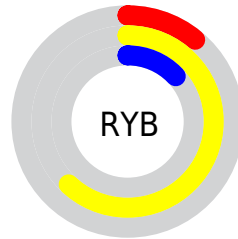
Distribution



Red (60%)

Green (62%)

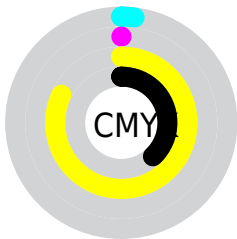
Blue (11%)



Red (11%)

Yellow (62%)

Blue (13%)

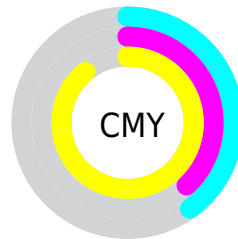


Cyan (2%)

Magenta (0%)

Yellow (82%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6052, 31.0727, 5.8105 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 25.6052, 31.0727, 5.8105 by changing the saturation by 10% instead.

■ 25.6052, 31.0727,
5.8105

■ 25.6052, 31.0727,
5.8105

273.1310,
306.8731, 166.6147

■ 16.6596, 20.6542,
2.6633

■ 52.0732, 61.3545,
18.0071

■ 10.0859, 12.8715,
0.9249

■ 70.3264, 81.9866,
27.8936

■ 5.5187, 7.3401,
0.0000

■ 92.4128, 106.7921,
40.8635

■ 2.5925, 3.6757,
0.0000

■ 118.6978,
136.1553, 57.3355

■ 0.9421, 1.4939,
0.0000

■ 149.5468,
170.4605, 77.7281

■ 0.0000, 0.2844,
0.0000

■ 185.3251,

■ 0.0000, 0.0000,

210.0924, 102.4598

0.0000

226.3980,
255.4351, 131.9492

■ 25.6052, 31.0727,
5.8105

■ 25.6052, 31.0727,
5.8105

■ 25.3886, 30.9791,
5.0326

■ 25.9224, 31.2088,
7.1108

■ 25.2548, 30.9188,
4.6369

■ 26.3512, 31.3885,
9.0013

■ 26.9038, 31.6177,
11.5419

■ 27.5898, 31.9003,
14.7845

■ 28.4182, 32.2399,
18.7757

■ 29.3971, 32.6397,
23.5582

■ 30.5340, 33.1027,
29.1715

■ 31.8359, 33.6318,
35.6524

■ 33.3093, 34.2295,
43.0356

Harmonies

Analogous

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



34.0514, 31.0727, 5.8553



25.6052, 31.0727, 5.8105



19.5105, 31.0727, 10.3330

Triad

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



25.6052, 31.0727, 5.8105



19.4061, 31.0727, 78.2882



48.1667, 31.0727, 47.7210

Complementary

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



25.6052, 31.0727, 5.8105



7.1217, 3.6208, 32.2238

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.



42.5088, 31.0727, 78.9812



25.6052, 31.0727, 5.8105



25.4343, 31.0727, 101.5991

Square

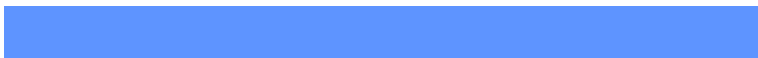
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.6052, 31.0727, 5.8105



16.4237, 31.0727, 47.0457



33.8447, 31.0727, 101.9003



48.2366, 31.0727, 23.3592

Rectangle

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



25.6052, 31.0727, 5.8105



17.1346, 31.0727, 17.5502



33.8447, 31.0727, 101.9003



46.8134, 31.0727, 57.9545

Sweetspot

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



25.6059, 31.0741, 5.8111



52.1006, 58.2292, 39.5213



14.6210, 8.2446, 1.9836



11.3359, 12.7605, 8.0685



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.6059, 31.0741, 5.8111



45.2499, 55.3788, 8.4214



16.5813, 26.4218, 5.3888



7.1548, 7.7124, 7.0972



20.5148, 25.1125, 3.7660



0.3711, 0.4512, 0.0675

Inverse Universe

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



7.1217, 3.6208, 32.2238



11.0532, 4.5048, 57.4137



11.2594, 5.7538, 32.4174



6.2984, 6.4423, 8.3182



4.9847, 1.9987, 26.0303



0.0929, 0.0377, 0.4656

Previews

White Background



This preview shows how the XYZ color 25.6052, 31.0727, 5.8105 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.6052, 31.0727, 5.8105 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 ✓ Pass

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

XYZ 25.6052, 31.0727, 5.8105

Background



This preview shows how black text looks on a background with the XYZ color 25.6052, 31.0727, 5.8105.



This preview shows how white text looks on a background with the XYZ color 25.6052, 31.0727,

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

25.6052, 31.0727, 5.8105

Protanopia

28.0154, 31.0864, 5.6223

Deuteranopia

31.3916, 30.7256, 6.0264



Tritanopia

31.7603, 30.9189, 36.6417

Trichromacy



Original Color

25.6052, 31.0727, 5.8105

Protanomaly

27.0750, 31.0876, 5.6721

Deuteranomaly

29.0101, 30.6424, 5.8990

Tritanomaly

28.2728, 30.4340, 19.4231

Monochromacy



Original Color

25.6052, 31.0727, 5.8105

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6367, 27.9180, 16.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6052, 31.0727, 5.8105 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(154, 157, 29)` looks like.

```
.text, #text, p{  
    color:rgb(154, 157, 29)  
}
```

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(154, 157, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 157, 29) }
```

Border

The CSS property to change the border of an element to XYZ 25.6052, 31.0727, 5.8105 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(154, 157, 29) }
```


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

```
.border{ border-color:rgb(154, 157, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 157, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 157, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 157, 29);  
box-shadow:4px 4px 4px 4px rgb(154, 157,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6052, 31.0727, 5.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 157, 29) }
```

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

```
.background{ background-color: rgb(154,  
157, 29) }
```

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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