

Converting Colors

XYZ(27.2401, 31.3782, 5.9418)

Have a look what the booklet for
XYZ(27.2401, 31.3782, 5.9418)
contains.

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Color

**XYZ(27.2785, 31.4341,
5.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	A49B1F
RGB	164, 155, 31
RGB Percent	64%, 61%, 12%
CMY	0.3569, 0.3921, 0.8784
CMYK	0.00, 0.05, 0.81, 0.36
HSL	56°, 68%, 38%
HSV	56°, 81%, 64%
XYZ	27.2785, 31.4341, 5.9260
YIQ	143.5550, 45.1680, -36.6560

Conversions

Conversions Part 2

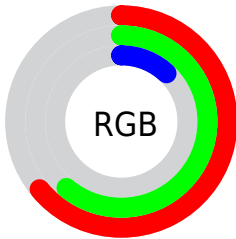
Format	Color
RYB	41, 164, 31
Decimal	10787615
CIELab	62.87, -10.16, 60.19
CIELCh	63, 61.045, 99.578
Yxy	31.4341, 0.4220, 0.4863
Android (android.graphics.Color)	4288977695 (0xFFA49B1F)
YUV	143.5550, -55.4896, 17.9303
Hunter-Lab	56.0661, -11.2680, 32.9795

Details

The XYZ color **27.2785, 31.4341, 5.9260** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.0249, 4.4894, 35.5653**, and the grayscale version is **26.5343, 27.9162, 30.4007**.

A 20% lighter version of the original color is **54.6861, 61.8351, 18.2856**, and **11.1347, 13.0888, 1.9395** is the 20% darker color. If you saturate the color by 10%, you get **26.9315, 31.0025, 5.0020**, and if you desaturate by 10%, it is **27.7386, 31.9161, 7.4309**.

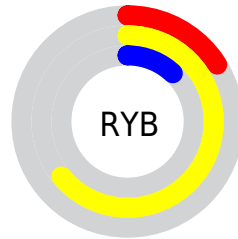
Distribution



Red (64%)

Green (61%)

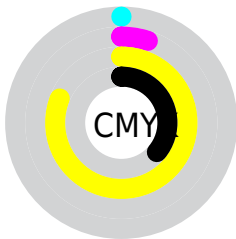
Blue (12%)



Red (16%)

Yellow (64%)

Blue (12%)

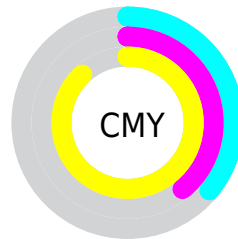


Cyan (0%)

Magenta (5%)

Yellow (81%)

Black (36%)



Cyan (36%)


Magenta (39%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2785, 31.4341, 5.9260 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 27.2785, 31.4341, 5.9260 by changing the saturation by 10% instead.


 27.2785, 31.4341,
5.9260


 27.2785, 31.4341,
5.9260


281.1461,
308.5333, 167.6920


 17.9202, 20.9296,
2.7321


 54.7472, 61.9229,
18.2521


 10.9920, 13.0726,
0.9595


 73.5882, 82.6760,
28.2214

 6.1287, 7.4785,
0.0000


 96.3209, 107.6141,
41.2862

 2.9649, 3.7631,
0.0000

 123.3106,
137.1215, 57.8650

 1.1352, 1.5420,
0.0000

 154.9226,
171.5828, 78.3765

 0.0543, 0.3180,
0.0000

 191.5222,

 0.0000, 0.0000,

211.3822, 103.2391

0.0000

233.4750,
256.9043, 132.8715

■ 27.2785, 31.4341,
5.9260

■ 27.2785, 31.4341,
5.9260

■ 26.9315, 31.0025,
5.0020

■ 27.7386, 31.9161,
7.4309

■ 26.6858, 30.6446,
4.5085

■ 28.3243, 32.4498,
9.5922

■ 29.0489, 33.0419,
12.4760

■ 29.9232, 33.6965,
16.1401

■ 30.9571, 34.4177,
20.6361

■ 32.1597, 35.2092,
26.0116

■ 33.5391, 36.0741,
32.3102

■ 35.1033, 37.0157,
39.5729

■ 36.8594, 38.0369,
47.8380

Harmonies

Analogous

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



35.8522, 31.4341, 6.6543



27.2785, 31.4341, 5.9260



20.7515, 31.4341, 9.5743

Triad

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



27.2785, 31.4341, 5.9260



19.1100, 31.4341, 72.7931



47.6402, 31.4341, 52.9605

Complementary

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



27.2785, 31.4341, 5.9260



8.0249, 4.4894, 35.5653

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.



41.3491, 31.4341, 83.4624



27.2785, 31.4341, 5.9260



24.6058, 31.4341, 98.1420

Square

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



27.2785, 31.4341, 5.9260



16.6513, 31.4341, 42.4827



32.6358, 31.4341, 102.7632



48.7228, 31.4341, 27.1157

Rectangle

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



27.2785, 31.4341, 5.9260



18.0368, 31.4341, 15.7899



32.6358, 31.4341, 102.7632



46.0153, 31.4341, 63.2736

Sweetspot

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



27.2792, 31.4356, 5.9266



57.6077, 63.4142, 43.7566



16.2194, 9.0405, 3.0890



12.4329, 13.7574, 8.8451



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.2792, 31.4356, 5.9266



48.5136, 55.7171, 8.3821



19.7786, 29.8747, 6.0207



7.6082, 8.1549, 7.5531



20.4754, 23.5248, 3.4616



0.4416, 0.5171, 0.0765

Inverse Universe

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



8.0249, 4.4894, 35.5653



12.5023, 5.4241, 64.1403



11.0675, 5.6590, 35.6307



6.7372, 6.9333, 8.8862



5.2446, 2.2686, 27.0912



0.1211, 0.0694, 0.5729

Previews

White Background



This preview shows how the XYZ color 27.2785, 31.4341, 5.9260 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 27.2785, 31.4341, 5.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

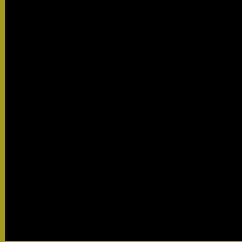
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2785, 31.4341, 5.9260

Background



This preview shows how black text looks on a background with the XYZ color 27.2785, 31.4341, 5.9260.



This preview shows how white text looks on a background with the XYZ color 27.2785, 31.4341,

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

27.2785, 31.4341, 5.9260

Protanopia

28.4202, 31.5341, 5.8171

Deuteranopia

31.7930, 31.1565, 6.0884



Tritanopia

33.2076, 31.2311, 35.7305

Trichromacy



Original Color

27.2785, 31.4341, 5.9260

Protanomaly

27.9384, 31.5298, 5.8416

Deuteranomaly

29.9493, 31.1249, 6.0193

Tritanomaly

30.0367, 30.8736, 19.4150

Monochromacy



Original Color

27.2785, 31.4341, 5.9260

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8006, 28.7384, 17.0192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2785, 31.4341, 5.9260 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(164, 155, 31)` looks like.

```
.text, #text, p{  
    color:rgb(164, 155, 31)  
}
```

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(164, 155, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 155, 31) }
```

Border

The CSS property to change the border of an element to XYZ 27.2785, 31.4341, 5.9260 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(164, 155, 31) }
```


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

```
.border{ border-color:rgb(164, 155, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 155, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 155, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 155, 31);  
box-shadow:4px 4px 4px 4px rgb(164, 155,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2785, 31.4341, 5.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 155, 31) }
```

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

```
.background{ background-color: rgb(164,  
155, 31) }
```

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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