

Converting Colors

XYZ(27.3484, 29.0310, 5.5303)

Have a look what the booklet for
XYZ(27.3484, 29.0310, 5.5303)
contains.

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Color

**XYZ(27.3994, 29.1257,
5.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9120
RGB	172, 145, 32
RGB Percent	67%, 57%, 13%
CMY	0.3255, 0.4314, 0.8745
CMYK	0.00, 0.16, 0.81, 0.33
HSL	48°, 69%, 40%
HSV	48°, 81%, 67%
XYZ	27.3994, 29.1257, 5.5442
YIQ	140.1910, 52.3650, -29.4190

Conversions

Conversions Part 2

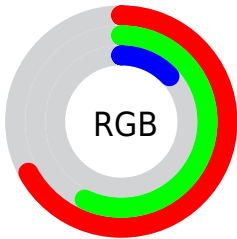
Format	Color
R_{YB}	65, 172, 32
Decimal	11309344
CIE _{Lab}	60.89, -1.14, 58.44
CIE _{LCh}	61, 58.455, 91.114
Yxy	29.1257, 0.4414, 0.4692
Android (android.graphics.Color)	4289499424 (0xFFAC9120)
YUV	140.1910, -53.3382, 27.8965
Hunter-Lab	53.9682, -3.8209, 31.6869

Details

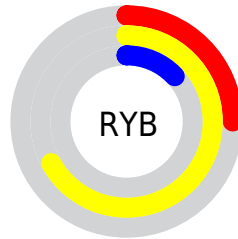
The XYZ color **27.3994, 29.1257, 5.5442** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.6061, 6.4136, 39.7613**, and the grayscale version is **25.1892, 26.5009, 28.8595**.

A 20% lighter version of the original color is **55.0987, 58.5239, 17.4091**, and **11.1624, 11.8293, 1.6950** is the 20% darker color. If you saturate the color by 10%, you get **26.7247, 28.0578, 4.4518**, and if you desaturate by 10%, it is **28.2123, 30.2748, 7.2851**.

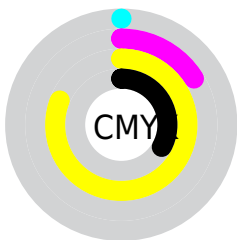
Distribution



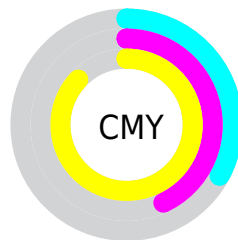
- Red (67%)
- Green (57%)
- Blue (13%)



- Red (25%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (43%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3994, 29.1257, 5.5442 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 27.3994, 29.1257, 5.5442 by changing the saturation by 10% instead.

■ 27.3994, 29.1257,
5.5442

■ 27.3994, 29.1257,
5.5442

281.7182,
297.8076, 164.0936

■ 18.0115, 19.1759,
2.5057

■ 54.9395, 58.2767,
17.4383

■ 11.0580, 11.7975,
0.8432

■ 73.8224, 78.2468,
27.1309

■ 6.1735, 6.6059,
0.0000

■ 96.6011, 102.3257,
39.8787

■ 2.9925, 3.2169,
0.0000

■ 123.6409,
130.8980, 56.1002

■ 1.1498, 1.2460,
0.0000

■ 155.3072,
164.3479, 76.2139

■ 0.0662, 0.0988,
0.0000

■ 191.9652,

■ 0.0000, 0.0000,

203.0598, 100.6383

0.0000

233.9804,
247.4183, 129.7921

■ 27.3994, 29.1257,
5.5442

■ 27.3994, 29.1257,
5.5442

■ 26.7247, 28.0578,
4.4518

■ 28.2123, 30.2748,
7.2851

■ 26.2217, 27.1876,
3.8657

■ 29.1781, 31.5078,
9.7608

■ 30.3118, 32.8321,
13.0461

■ 31.6258, 34.2527,
17.2063

■ 33.1313, 35.7744,
22.2999

■ 34.8387, 37.4015,
28.3802

■ 36.7574, 39.1379,
35.4967

■ 38.8962, 40.9874,
43.6956

■ 41.2636, 42.9534,
53.0199

Harmonies

Analogous

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



35.3789, 29.1257, 7.3384



27.3994, 29.1257, 5.5442



20.7831, 29.1257, 7.6500

Triad

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



27.3994, 29.1257, 5.5442



16.9410, 29.1257, 58.7036



42.5906, 29.1257, 56.6003

Complementary

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



27.3994, 29.1257, 5.5442



9.6061, 6.4136, 39.7613

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.



35.9627, 29.1257, 82.8910



27.3994, 29.1257, 5.5442



21.1930, 29.1257, 84.4477

Square

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



27.3994, 29.1257, 5.5442



15.4690, 29.1257, 32.5352



27.9688, 29.1257, 94.8606



45.0620, 29.1257, 30.9046

Rectangle

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



27.3994, 29.1257, 5.5442



17.7753, 29.1257, 11.9951



27.9688, 29.1257, 94.8606



40.7214, 29.1257, 66.0098

Sweetspot

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



27.4001, 29.1271, 5.5448



62.2222, 66.9349, 47.9408



18.3455, 10.1302, 5.2639



13.2895, 14.3248, 9.5886



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.4001, 29.1271, 5.5448



47.6160, 49.3747, 7.1495



24.2194, 34.3552, 6.7215



8.5295, 9.0637, 8.5133



19.5515, 20.3084, 2.8894



0.5771, 0.6314, 0.0915

Inverse Universe

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



9.6061, 6.4136, 39.7613



14.5773, 7.4570, 71.4768



10.7873, 5.4678, 39.5164



7.6993, 7.9979, 10.0907



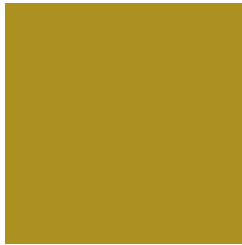
5.9810, 3.0958, 29.3268



0.2022, 0.1577, 0.8278

Previews

White Background



This preview shows how the XYZ color 27.3994, 29.1257, 5.5442 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 27.3994, 29.1257, 5.5442 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 27.3994, 29.1257, 5.5442

Background



This preview shows how black text looks on a background with the XYZ color 27.3994, 29.1257, 5.5442.

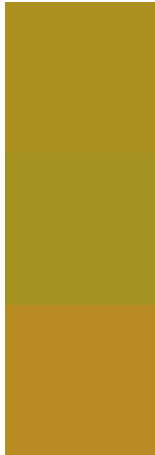


This preview shows how white text looks on a background with the XYZ color 27.3994, 29.1257,

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

27.3994, 29.1257, 5.5442

Protanopia

26.2253, 28.9766, 5.6497

Deuteranopia

29.6890, 29.1918, 5.6599



Tritanopia

32.6747, 29.1066, 31.0901

Trichromacy



Original Color

27.3994, 29.1257, 5.5442

Protanomaly

26.7018, 28.9924, 5.6276

Deuteranomaly

28.7841, 29.1648, 5.6257

Tritanomaly

29.9139, 28.8323, 17.3532

Monochromacy



Original Color

27.3994, 29.1257, 5.5442

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9709, 26.9610, 16.1998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3994, 29.1257, 5.5442 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(172, 145, 32)` looks like.

```
.text, #text, p{  
    color:rgb(172, 145, 32)  
}
```

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(172, 145, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 145, 32) }
```

Border

The CSS property to change the border of an element to XYZ 27.3994, 29.1257, 5.5442 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(172, 145, 32) }
```


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

```
.border{ border-color:rgb(172, 145, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 145, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 145, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 145, 32);  
box-shadow:4px 4px 4px 4px rgb(172, 145,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3994, 29.1257, 5.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 145, 32) }
```

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

```
.background{ background-color: rgb(172,  
145, 32) }
```

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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