

Converting Colors

XYZ(27.4209, 26.0216, 5.2638)

Have a look what the booklet for
XYZ(27.4209, 26.0216, 5.2638)
contains.

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Color

**XYZ(27.3571, 25.9164,
5.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	B58224
RGB	181, 130, 36
RGB Percent	71%, 51%, 14%
CMY	0.2902, 0.4902, 0.8588
CMYK	0.00, 0.28, 0.80, 0.29
HSL	39°, 67%, 43%
HSV	39°, 80%, 71%
XYZ	27.3571, 25.9164, 5.2296
YIQ	134.5330, 60.5700, -18.4220

Conversions

Conversions Part 2

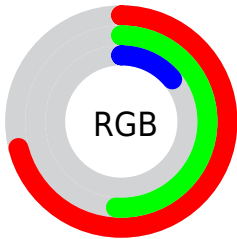
Format	Color
R_{YB}	115, 181, 36
Decimal	11895332
CIE _{Lab}	57.96, 11.34, 54.81
CIE _{LCh}	58, 55.975, 78.308
Yxy	25.9164, 0.4676, 0.4430
Android (android.graphics.Color)	4290085412 (0xFFB58224)
YUV	134.5330, -48.5768, 40.7516
Hunter-Lab	50.9082, 6.8333, 29.5451

Details

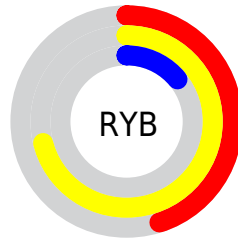
The XYZ color **27.3571, 25.9164, 5.2296** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.4761, 10.5274, 45.0901**, and the grayscale version is **23.0152, 24.2138, 26.3688**.

A 20% lighter version of the original color is **55.0123, 53.2890, 16.8375**, and **11.1108, 10.0958, 1.3631** is the 20% darker color. If you saturate the color by 10%, you get **26.3268, 24.1921, 3.8501**, and if you desaturate by 10%, it is **28.5806, 27.8039, 7.3632**.

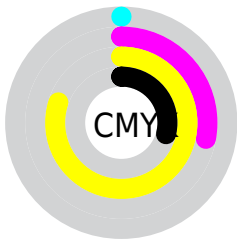
Distribution



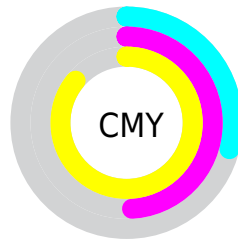
- Red (71%)
- Green (51%)
- Blue (14%)



- Red (45%)
- Yellow (71%)
- Blue (14%)



- Cyan (0%)
- Magenta (28%)
- Yellow (80%)
- Black (29%)



- Cyan (29%)
- Magenta (49%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3571, 25.9164, 5.2296 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 27.3571, 25.9164, 5.2296 by changing the saturation by 10% instead.

■ 27.3571, 25.9164,
5.2296

■ 27.3571, 25.9164,
5.2296

281.5181,
282.3715, 161.0437

■ 17.9796, 16.7611,
2.3215

■ 54.8722, 53.1400,
16.7587

■ 11.0349, 10.0643,
0.7432

■ 73.7405, 71.9772,
26.2169

■ 6.1578, 5.4416,
0.0000

■ 96.5031, 94.8104,
38.6955

■ 2.9828, 2.5086,
0.0000

■ 123.5254,
122.0241, 54.6130

■ 1.1447, 0.8810,
0.0000

■ 155.1727,
154.0027, 74.3881

■ 0.0620, 0.0000,
0.0000

■ 191.8103,

■ 0.0000, 0.0000,

191.1305, 98.4392

0.0000

233.8037,
233.7919, 127.1849

■ 27.3571, 25.9164,
5.2296

■ 27.3571, 25.9164,
5.2296

■ 26.3268, 24.1921,
3.8501

■ 28.5806, 27.8039,
7.3632

■ 25.4572, 22.6263,
3.0256

■ 30.0152, 29.8601,
10.3474

■ 31.6779, 32.0942,
14.2660

■ 33.5835, 34.5137,
19.1920

■ 35.7454, 37.1251,
25.1913

■ 38.1756, 39.9346,
32.3241

■ 40.8856, 42.9481,
40.6461

■ 43.8859, 46.1712,
50.2092

■ 47.1866, 49.6091,
61.0625

Harmonies

Analogous

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



34.3106, 25.9164, 8.5713



27.3571, 25.9164, 5.2296



20.7775, 25.9164, 5.5987

Triad

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



27.3571, 25.9164, 5.2296



14.2533, 25.9164, 41.5752



35.6481, 25.9164, 60.8552

Complementary

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



27.3571, 25.9164, 5.2296



12.4761, 10.5274, 45.0901

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.



28.9376, 25.9164, 80.2451



27.3571, 25.9164, 5.2296



16.9709, 25.9164, 66.0580

Square

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



27.3571, 25.9164, 5.2296



13.9859, 25.9164, 21.3375



22.0956, 25.9164, 82.4935



39.6493, 25.9164, 36.4395

Rectangle

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



27.3571, 25.9164, 5.2296



17.4330, 25.9164, 7.9493



22.0956, 25.9164, 82.4935



33.5835, 25.9164, 68.5771

Sweetspot

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



27.3577, 25.9177, 5.2301



66.4437, 69.3186, 52.1533



21.4971, 11.8098, 10.6349



14.0347, 14.6035, 10.3201



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.3577, 25.9177, 5.2301



45.9672, 41.1884, 5.7969



31.6748, 40.8213, 7.8792



8.9405, 9.3936, 8.9945



17.6168, 15.7322, 2.1081



0.6066, 0.5996, 0.0838

Inverse Universe

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



12.4761, 10.5274, 45.0901



18.5936, 13.1125, 79.8456



10.5655, 5.4199, 44.2049



8.2783, 8.7029, 10.7498



7.0601, 4.9205, 30.7146



0.2783, 0.2670, 0.9851

Previews

White Background



This preview shows how the XYZ color 27.3571, 25.9164, 5.2296 looks on a white background.

Color Contrast Check

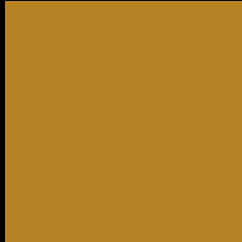
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3571, 25.9164, 5.2296 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 27.3571, 25.9164, 5.2296

Background



This preview shows how black text looks on a background with the XYZ color 27.3571, 25.9164, 5.2296.



This preview shows how white text looks on a background with the XYZ color 27.3571, 25.9164,

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

27.3571, 25.9164, 5.2296

Protanopia

23.6489, 26.0707, 5.7052

Deuteranopia

26.4591, 25.8540, 5.1859



Tritanopia

31.3602, 25.8512, 24.4560

Trichromacy



Original Color

27.3571, 25.9164, 5.2296

Protanomaly

24.8799, 25.8553, 5.5130

Deuteranomaly

26.7798, 25.8189, 5.1622

Tritanomaly

29.3266, 25.5741, 14.4570

Monochromacy



Original Color

27.3571, 25.9164, 5.2296

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5886, 24.3513, 15.2614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3571, 25.9164, 5.2296 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(181, 130, 36)` looks like.

```
.text, #text, p{  
    color:rgb(181, 130, 36)  
}
```

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(181, 130, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 130, 36) }
```

Border

The CSS property to change the border of an element to XYZ 27.3571, 25.9164, 5.2296 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(181, 130, 36) }
```


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

```
.border{ border-color:rgb(181, 130, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 130, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 130, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 130, 36);  
box-shadow:4px 4px 4px 4px rgb(181, 130,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3571, 25.9164, 5.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 130, 36) }
```

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

```
.background{ background-color: rgb(181,  
130, 36) }
```

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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