

Converting Colors

XYZ(30.0417, 30.5957, 4.4946)

Have a look what the booklet for
XYZ(30.0417, 30.5957, 4.4946)
contains.

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Color

**XYZ(29.9254, 30.4543,
4.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	B89106
RGB	184, 145, 6
RGB Percent	72%, 57%, 2%
CMY	0.2784, 0.4314, 0.9764
CMYK	0.00, 0.21, 0.97, 0.28
HSL	47°, 94%, 37%
HSV	47°, 97%, 72%
XYZ	29.9254, 30.4543, 4.4733
YIQ	140.8150, 67.8630, -34.9610

Conversions

Conversions Part 2

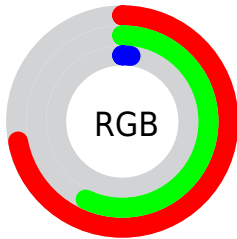
Format	Color
R_{YB}	56, 184, 6
Decimal	12095750
CIE _{Lab}	62.04, 3.75, 65.55
CIE _{LCh}	62, 65.655, 86.724
Yxy	30.4543, 0.4614, 0.4696
Android (android.graphics.Color)	4290285830 (0xFFB89106)
YUV	140.8150, -66.4638, 37.8732
Hunter-Lab	55.1854, 0.2207, 33.8238

Details

The XYZ color **29.9254, 30.4543, 4.4733** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **9.6654, 5.3766, 45.8753**, and the grayscale version is **25.4797, 26.8066, 29.1924**.

A 20% lighter version of the original color is **58.7383, 60.1157, 14.9862**, and **12.6964, 12.6200, 1.7667** is the 20% darker color. If you saturate the color by 10%, you get **29.6931, 30.0425, 4.2338**, and if you desaturate by 10%, it is **30.6893, 31.7643, 5.4003**.

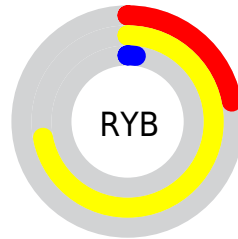
Distribution



Red (72%)

Green (57%)

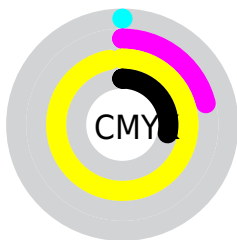
Blue (2%)



Red (22%)

Yellow (72%)

Blue (2%)

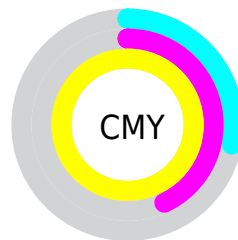


Cyan (0%)

Magenta (21%)

Yellow (97%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9254, 30.4543, 4.4733 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 29.9254, 30.4543, 4.4733 by changing the saturation by 10% instead.


 29.9254, 30.4543,
4.4733


 29.9254, 30.4543,
4.4733


293.4726,
304.0163, 153.3492


 19.9298, 20.1837,
1.8884


 58.9316, 60.3799,
15.0874


 12.4520, 12.5286,
0.4854


 78.6729, 80.8036,
23.9537


 7.1267, 7.1048,
0.0000


 102.3935,
105.3805, 35.7509

 3.5885, 3.5277,
0.0000

 130.4586,
134.4950, 50.8975

 1.4721, 1.4130,
0.0000

 163.2338,
168.5314, 69.8121

 0.3067, 0.2263,
0.0000

 201.0843,

 0.0000, 0.0000,

207.8742, 92.9133

0.0000

244.3754,
252.9077, 120.6194

29.9254, 30.4543,
4.4733

29.9254, 30.4543,
4.4733

29.6931, 30.0425,
4.2338

30.6893, 31.7643,
5.4003

31.6018, 33.1678,
7.0038

32.6886, 34.6767,
9.4151

33.9681, 36.2987,
12.7302

35.4562, 38.0405,
17.0317

■ 37.1669, 39.9081,
22.3925

■ 39.1131, 41.9068,
28.8790

■ 41.3064, 44.0418,
36.5519

■ 43.7578, 46.3176,
45.4676

Harmonies

Analogous

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



39.2764, 30.4543, 6.8824



29.9254, 30.4543, 4.4733



21.9738, 30.4543, 5.9550

Triad

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



29.9254, 30.4543, 4.4733



16.2935, 30.4543, 60.1261



45.5529, 30.4543, 67.5577

Complementary

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



29.9254, 30.4543, 4.4733



9.6654, 5.3766, 45.8753

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.



37.2558, 30.4543, 98.1524



29.9254, 30.4543, 4.4733



20.6070, 30.4543, 92.5437

Square

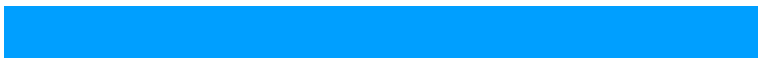
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.9254, 30.4543, 4.4733



15.1082, 30.4543, 30.4620



27.9880, 30.4543, 109.0577



49.3776, 30.4543, 36.0118

Rectangle

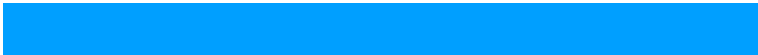
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.9254, 30.4543, 4.4733



18.2770, 30.4543, 9.7742



27.9880, 30.4543, 109.0577



43.1215, 30.4543, 78.8042

Sweetspot

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



29.9261, 30.4558, 4.4739



69.8892, 74.9470, 48.9057



20.3563, 10.5304, 3.7066



14.7440, 15.8258, 9.4670



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.9261, 30.4558, 4.4739



53.6433, 54.0925, 7.6136



27.4138, 39.5730, 6.3661



9.5788, 10.1605, 9.5632



20.5182, 20.8128, 2.9359



0.7654, 0.8178, 0.1175

Inverse Universe

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



9.6654, 5.3766, 45.8753



16.9347, 8.7756, 83.0059



10.2101, 4.3609, 45.6505



8.6764, 9.0300, 11.3651



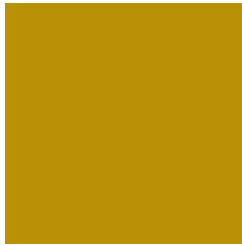
6.5370, 3.5336, 31.5906



0.2769, 0.2175, 1.1291

Previews

White Background



This preview shows how the XYZ color 29.9254, 30.4543, 4.4733 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 29.9254, 30.4543, 4.4733 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 29.9254, 30.4543, 4.4733

Background



This preview shows how black text looks on a background with the XYZ color 29.9254, 30.4543, 4.4733.



This preview shows how white text looks on a background with the XYZ color 29.9254, 30.4543,

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

29.9254, 30.4543, 4.4733

Protanopia

27.4836, 30.5901, 4.7431

Deuteranopia

30.9746, 30.3197, 4.5676



Tritanopia

35.2607, 30.4486, 30.8068

Trichromacy



Original Color

29.9254, 30.4543, 4.4733

Protanomaly

28.2523, 30.5133, 4.6590

Deuteranomaly

30.6163, 30.3582, 4.5332

Tritanomaly

31.9920, 29.9648, 14.6873

Monochromacy



Original Color

29.9254, 30.4543, 4.4733

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5094, 27.2868, 14.0476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9254, 30.4543, 4.4733 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(184, 145, 6)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 6)  
}
```

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(184, 145, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 6) }
```

Border

The CSS property to change the border of an element to XYZ 29.9254, 30.4543, 4.4733 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(184, 145, 6) }
```


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

```
.border{ border-color:rgb(184, 145, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 6);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9254, 30.4543, 4.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 6) }
```

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

```
.background{ background-color: rgb(184,  
145, 6) }
```

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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