

Converting Colors

XYZ(29.9787, 29.5981, 6.9544)

Have a look what the booklet for
XYZ(29.9787, 29.5981, 6.9544)
contains.

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Color

**XYZ(29.8255, 29.4535,
6.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	B88D30
RGB	184, 141, 48
RGB Percent	72%, 55%, 19%
CMY	0.2784, 0.4470, 0.8118
CMYK	0.00, 0.23, 0.74, 0.28
HSL	41°, 59%, 45%
HSV	41°, 74%, 72%
XYZ	29.8255, 29.4535, 6.9094
YIQ	143.2550, 55.4810, -19.8070

Conversions

Conversions Part 2

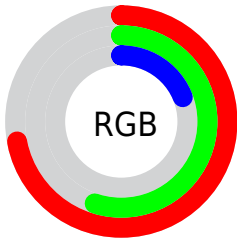
Format	Color
R_{YB}	111, 184, 48
Decimal	12094768
CIE _{Lab}	61.18, 7.10, 53.30
CIE _{LCh}	61, 53.766, 82.412
Yxy	29.4535, 0.4506, 0.4450
Android (android.graphics.Color)	4290284848 (0xFFB88D30)
YUV	143.2550, -46.9607, 35.7334
Hunter-Lab	54.2711, 3.1230, 30.4414

Details

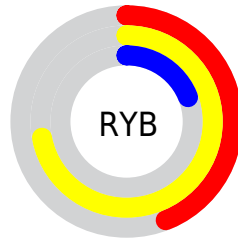
The XYZ color **29.8255, 29.4535, 6.9094** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.6115, 11.5707, 46.8629**, and the grayscale version is **26.3775, 27.7512, 30.2210**.

A 20% lighter version of the original color is **58.5542, 58.5584, 20.2733**, and **12.4935, 11.9942, 1.6566** is the 20% darker color. If you saturate the color by 10%, you get **28.6865, 27.6625, 5.0293**, and if you desaturate by 10%, it is **31.1683, 31.4005, 9.6349**.

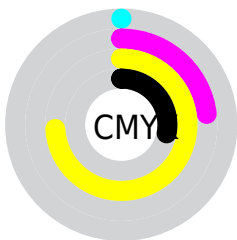
Distribution



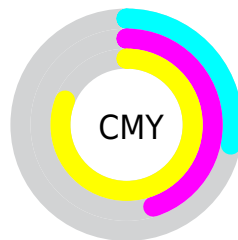
- Red (72%)
- Green (55%)
- Blue (19%)



- Red (44%)
- Yellow (72%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (74%)
- Black (28%)



- Cyan (28%)
- Magenta (45%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8255, 29.4535, 6.9094 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 29.8255, 29.4535, 6.9094 by changing the saturation by 10% instead.

■ 29.8255, 29.4535,
6.9094

■ 29.8255, 29.4535,
6.9094

293.0147,
299.3487, 176.5110

■ 19.8536, 19.4242,
3.3279

■ 58.7746, 58.7968,
20.3005

■ 12.3963, 11.9772,
1.2644

■ 78.4826, 78.8796,
30.9471

■ 7.0883, 6.7281,
0.0324

■ 102.1665,
103.0823, 44.7859

■ 3.5642, 3.2927,
0.0000

■ 130.1919,
131.7894, 62.2354

■ 1.4587, 1.2864,
0.0000

■ 162.9241,
165.3851, 83.7142

■ 0.2975, 0.1306,
0.0000

■ 200.7284,

■ 0.0000, 0.0000,

204.2540, 109.6406

0.0000

243.9701,
248.7804, 140.4334

■ 29.8255, 29.4535,
6.9094

■ 29.8255, 29.4535,
6.9094

■ 28.6865, 27.6625,
5.0293

■ 31.1683, 31.4005,
9.6349

■ 27.7278, 26.0134,
3.8825

■ 32.7311, 33.5075,
13.2958

■ 27.2060, 25.0684,
3.4048

■ 34.5301, 35.7832,
17.9722

■ 36.5796, 38.2343,
23.7355

■ 38.8924, 40.8670,
30.6501

■ 41.4803, 43.6870,
38.7758

■ 44.3546, 46.6996,
48.1679

■ 47.5255, 49.9101,
58.8784

■ 51.0030, 53.3234,
70.9565

Harmonies

Analogous

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



37.1172, 29.4535, 10.0759



29.8255, 29.4535, 6.9094



23.1319, 29.4535, 7.8850

Triad

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



29.8255, 29.4535, 6.9094



17.2279, 29.4535, 49.2915



40.1869, 29.4535, 62.1058

Complementary

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



29.8255, 29.4535, 6.9094



13.6115, 11.5707, 46.8629

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.



33.4952, 29.4535, 83.1018



29.8255, 29.4535, 6.9094



20.5046, 29.4535, 73.7892

Square

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



29.8255, 29.4535, 6.9094



16.5804, 29.4535, 27.2058



26.2403, 29.4535, 88.0961



43.7199, 29.4535, 37.4816

Rectangle

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



29.8255, 29.4535, 6.9094



19.8016, 29.4535, 11.0796



26.2403, 29.4535, 88.0961



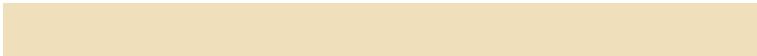
38.1836, 29.4535, 70.1837

Sweetspot

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



29.8262, 29.4549, 6.9100



71.1947, 74.8498, 57.6897



22.7153, 13.0609, 11.2368



15.0909, 15.8500, 11.6468



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.



29.8262, 29.4549, 6.9100



50.8254, 48.1519, 7.6144



31.9852, 41.8718, 9.1929



9.5043, 10.0115, 9.5384



18.8161, 17.4085, 2.3685



0.7162, 0.7195, 0.1011

Inverse Universe

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



13.6115, 11.5707, 46.8629



20.1049, 14.4696, 83.9379



12.4515, 6.9887, 46.0397



8.7466, 9.1705, 11.3885



7.0684, 4.5964, 31.7677



0.3065, 0.2766, 1.1390

Previews

White Background



This preview shows how the XYZ color 29.8255, 29.4535, 6.9094 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 29.8255, 29.4535, 6.9094 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 29.8255, 29.4535, 6.9094

Background



This preview shows how black text looks on a background with the XYZ color 29.8255, 29.4535, 6.9094.



This preview shows how white text looks on a background with the XYZ color 29.8255, 29.4535,

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

29.8255, 29.4535, 6.9094

Protanopia

26.8915, 29.5171, 7.2976

Deuteranopia

29.9192, 29.2839, 6.8717



Tritanopia

34.3690, 29.4027, 29.4550

Trichromacy



Original Color

29.8255, 29.4535, 6.9094

Protanomaly

27.9134, 29.3568, 7.1010

Deuteranomaly

29.9192, 29.2839, 6.8717

Tritanomaly

32.1098, 29.1020, 18.1122

Monochromacy



Original Color

29.8255, 29.4535, 6.9094

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4803, 27.6978, 18.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8255, 29.4535, 6.9094 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, 141, 48)` looks like.

```
.text, #text, p{  
    color:rgb(184, 141, 48)  
}
```

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, 141, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 141, 48) }
```

Border

The CSS property to change the border of an element to XYZ 29.8255, 29.4535, 6.9094 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, 141, 48) }
```


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

```
.border{ border-color:rgb(184, 141, 48) }
```

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

Here you see how a box with a 4 pixel rgb(184, 141, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 141, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 141, 48);  
box-shadow:4px 4px 4px 4px rgb(184, 141,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8255, 29.4535, 6.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 141, 48) }
```

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

```
.background{ background-color: rgb(184,  
141, 48) }
```

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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