

Converting Colors

XYZ(29.5704, 28.1233, 9.5719)

Have a look what the booklet for
XYZ(29.5704, 28.1233, 9.5719)
contains.

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Color

**XYZ(29.6455, 28.2283,
9.5164)**

Conversions

Conversions Part 1

Format	Color
Hex	B88845
RGB	184, 136, 69
RGB Percent	72%, 53%, 27%
CMY	0.2784, 0.4666, 0.7294
CMYK	0.00, 0.26, 0.62, 0.28
HSL	35°, 45%, 50%
HSV	35°, 62%, 72%
XYZ	29.6455, 28.2283, 9.5164
YIQ	142.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

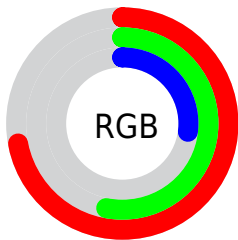
Format	Color
R_{YB}	151, 184, 69
Decimal	12093509
CIE _{Lab}	60.09, 11.09, 42.44
CIE _{LCh}	60, 43.866, 75.352
Yxy	28.2283, 0.4399, 0.4189
Android (android.graphics.Color)	4290283589 (0xFFB88845)
YUV	142.7140, -36.3410, 36.2078
Hunter-Lab	53.1303, 6.6209, 26.5715

Details

The XYZ color **29.6455, 28.2283, 9.5164** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.4670, 17.4479, 47.7943**, and the grayscale version is **26.1213, 27.4816, 29.9275**.

A 20% lighter version of the original color is **58.4895, 56.7818, 25.3300**, and **12.2065, 11.2181, 2.1838** is the 20% darker color. If you saturate the color by 10%, you get **28.1176, 25.9492, 6.6129**, and if you desaturate by 10%, it is **31.4293, 30.7360, 13.3794**.

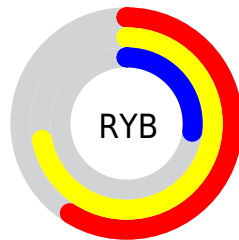
Distribution



Red (72%)

Green (53%)

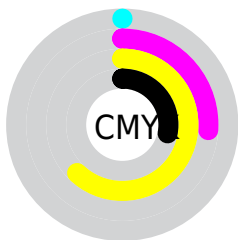
Blue (27%)



Red (59%)

Yellow (72%)

Blue (27%)

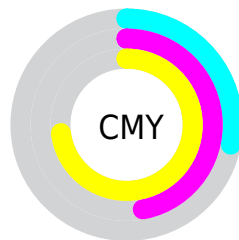


Cyan (0%)

Magenta (26%)

Yellow (62%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6455, 28.2283, 9.5164 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 29.6455, 28.2283, 9.5164 by changing the saturation by 10% instead.


 29.6455, 28.2283,
9.5164


 29.6455, 28.2283,
9.5164


292.1881,
293.5562, 197.5426


 19.7164, 18.4978,
4.9781


 58.4916, 56.8487,
25.4753


 12.2961, 11.3080,
2.1759


 78.1393, 76.5075,
37.7330


 7.0193, 6.2744,
0.6604


 101.7572,
100.2444, 53.4009

 3.5206, 3.0126,
0.0000

 129.7108,
128.4440, 72.8975

 1.4347, 1.1383,
0.0000

 162.3653,
161.4906, 96.6415

 0.2807, 0.0105,
0.0000

200.0861,

 0.0000, 0.0000,

199.7685, 125.0513

0.0000

243.2386,
243.6623, 158.5455

■ 29.6455, 28.2283,
9.5164

■ 29.6455, 28.2283,
9.5164

■ 28.1176, 25.9492,
6.6129

■ 31.4293, 30.7360,
13.3794

■ 26.8250, 23.8846,
4.5773

■ 33.4835, 33.4772,
18.2788

■ 25.7464, 22.0243,
3.3026

■ 35.8235, 36.4617,
24.2856

■ 25.0463, 20.7488,
2.6848

■ 38.4628, 39.6972,
31.4640

■ 41.4140, 43.1910,
39.8731

■ 44.6890, 46.9503,
49.5683

■ 48.2988, 50.9815,
60.6012

■ 52.2541, 55.2910,
73.0209

■ 56.5647, 59.8849,
86.8737

Harmonies

Analogous

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



35.1285, 28.2283, 13.6059



29.6455, 28.2283, 9.5164



24.0799, 28.2283, 9.5613

Triad

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



29.6455, 28.2283, 9.5164



17.7306, 28.2283, 39.6418



35.2406, 28.2283, 57.8911

Complementary

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



29.6455, 28.2283, 9.5164



17.4670, 17.4479, 47.7943

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.



29.7823, 28.2283, 71.0816



29.6455, 28.2283, 9.5164



19.9538, 28.2283, 58.3005

Square

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



29.6455, 28.2283, 9.5164



17.7046, 28.2283, 23.5801



24.1989, 28.2283, 71.2532



38.6510, 28.2283, 39.2099

Rectangle

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



29.6455, 28.2283, 9.5164



21.0711, 28.2283, 11.8244



24.1989, 28.2283, 71.2532



33.5531, 28.2283, 63.3617

Sweetspot

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



29.6462, 28.2297, 9.5169



71.3640, 73.9255, 61.6392



25.2152, 15.7748, 19.1165



15.0682, 15.5582, 12.3994



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.



29.6462, 28.2297, 9.5169



50.0427, 45.5896, 10.4267



36.1946, 43.9795, 12.2118



9.4275, 9.8580, 9.5128



17.3329, 14.4422, 1.8741



0.6707, 0.6284, 0.0859

Inverse Universe

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



17.4670, 17.4479, 47.7943



26.2003, 24.5472, 85.5618



13.8139, 9.2812, 46.4106



8.8208, 9.3189, 11.4132



7.8484, 6.1565, 32.0277



0.3381, 0.3400, 1.1495

Previews

White Background



This preview shows how the XYZ color 29.6455, 28.2283, 9.5164 looks on a white background.

Color Contrast Check

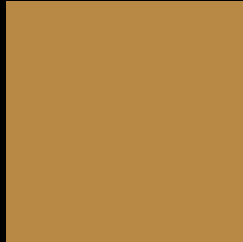
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6455, 28.2283, 9.5164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

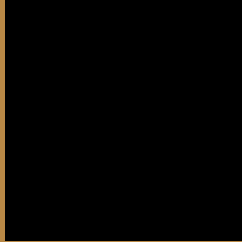
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6455, 28.2283, 9.5164

Background



This preview shows how black text looks on a background with the XYZ color 29.6455, 28.2283, 9.5164.



This preview shows how white text looks on a background with the XYZ color 29.6455, 28.2283,

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

29.6455, 28.2283, 9.5164

Protanopia

25.7923, 28.1923, 10.2131

Deuteranopia

28.7223, 28.1780, 9.3939



Tritanopia

33.2929, 28.0921, 27.7124

Trichromacy



Original Color

29.6455, 28.2283, 9.5164

Protanomaly

27.1725, 28.2360, 9.9792

Deuteranomaly

29.0451, 28.1324, 9.3681

Tritanomaly

31.5905, 27.9896, 19.3603

Monochromacy



Original Color

29.6455, 28.2283, 9.5164

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6310, 27.2862, 20.3862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6455, 28.2283, 9.5164 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, 136, 69)` looks like.

```
.text, #text, p{  
    color:rgb(184, 136, 69)  
}
```

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, 136, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 136, 69) }
```

Border

The CSS property to change the border of an element to XYZ 29.6455, 28.2283, 9.5164 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, 136, 69) }
```


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

```
.border{ border-color:rgb(184, 136, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 136, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 136, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 136, 69);  
box-shadow:4px 4px 4px 4px rgb(184, 136,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6455, 28.2283, 9.5164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 136, 69) }
```

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

```
.background{ background-color: rgb(184,  
136, 69) }
```

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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