

Converting Colors

XYZ(29.1043, 28.6152, 8.2643)

Have a look what the booklet for
XYZ(29.1043, 28.6152, 8.2643)
contains.

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Color

**XYZ(29.1043, 28.6152,
8.2643)**

Conversions

Conversions Part 1

Format	Color
Hex	B58B3C
RGB	181, 139, 60
RGB Percent	71%, 55%, 24%
CMY	0.2902, 0.4549, 0.7647
CMYK	0.00, 0.23, 0.67, 0.29
HSL	39°, 50%, 47%
HSV	39°, 67%, 71%
XYZ	29.1043, 28.6152, 8.2643
YIQ	142.5520, 50.3910, -15.6650

Conversions

Conversions Part 2

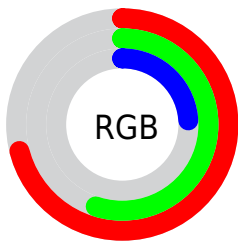
Format	Color
RYB	124, 181, 60
Decimal	11897660
CIELab	60.44, 7.53, 47.11
CIElCh	60, 47.712, 80.925
Yxy	28.6152, 0.4411, 0.4337
Android (android.graphics.Color)	4290087740 (0xFFB58B3C)
YUV	142.5520, -40.6981, 33.7189
Hunter-Lab	53.4932, 3.5043, 28.2854

Details

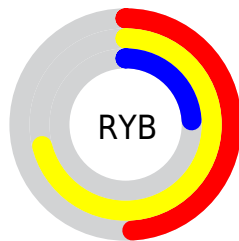
The XYZ color **29.1043, 28.6152, 8.2643** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.9552, 13.7991, 45.5912**, and the grayscale version is **26.0734, 27.4312, 29.8726**.

A 20% lighter version of the original color is **57.6541, 57.3722, 23.0742**, and **11.9120, 11.4408, 1.7240** is the 20% darker color. If you saturate the color by 10%, you get **27.8218, 26.6894, 5.8666**, and if you desaturate by 10%, it is **30.6041, 30.7138, 11.5423**.

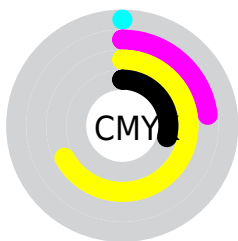
Distribution



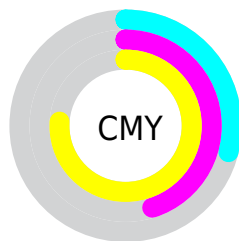
- Red (71%)
- Green (55%)
- Blue (24%)



- Red (49%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1043, 28.6152, 8.2643 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 29.1043, 28.6152, 8.2643 by changing the saturation by 10% instead.

■ 29.1043, 28.6152,
8.2643

■ 29.1043, 28.6152,
8.2643

289.6921,
295.3950, 187.8019

■ 19.3044, 18.7899,
4.1743

■ 57.6392, 57.4652,
23.0296

■ 11.9958, 11.5186,
1.7215

■ 77.1049, 77.2586,
34.5421

■ 6.8130, 6.4168,
0.3754

■ 100.5232,
101.1436, 49.3658

■ 3.3907, 3.1001,
0.0000

■ 128.2596,
129.5045, 67.9193

■ 1.3636, 1.1842,
0.0000

■ 160.6793,
162.7257, 90.6211

■ 0.2301, 0.0488,
0.0000

■ 198.1477,

■ 0.0000, 0.0000,

201.1916, 117.8898

0.0000

241.0302,
245.2865, 150.1439

■ 29.1043, 28.6152,
8.2643

■ 29.1043, 28.6152,
8.2643

■ 27.8218, 26.6894,
5.8666

■ 30.6041, 30.7138,
11.5423

■ 26.7361, 24.9235,
4.2550

■ 32.3350, 32.9887,
15.7785

■ 25.8228, 23.3074,
3.3015

■ 34.3119, 35.4484,
21.0437

■ 25.5556, 22.8229,
3.0583

■ 36.5477, 38.0992,
27.4020

■ 39.0542, 40.9472,
34.9119

■ 41.8424, 43.9980,
43.6278

■ 44.9229, 47.2571,
53.6006

■ 48.3053, 50.7295,
64.8783

■ 51.9991, 54.4201,
77.5064

Harmonies

Analogous

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



35.3459, 28.6152, 11.5789



29.1043, 28.6152, 8.2643



23.1925, 28.6152, 9.0335

Triad

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



29.1043, 28.6152, 8.2643



17.5872, 28.6152, 44.8723



37.4402, 28.6152, 57.7237

Complementary

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



29.1043, 28.6152, 8.2643



14.9552, 13.7991, 45.5912

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.



31.6397, 28.6152, 74.6555



29.1043, 28.6152, 8.2643



20.4094, 28.6152, 65.5009

Square

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



29.1043, 28.6152, 8.2643



17.1193, 28.6152, 26.1190



25.3766, 28.6152, 77.9403



40.6132, 28.6152, 36.8046

Rectangle

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



29.1043, 28.6152, 8.2643



20.1690, 28.6152, 11.9458



25.3766, 28.6152, 77.9403



35.6952, 28.6152, 64.3548

Sweetspot

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



29.1050, 28.6166, 8.2649



68.3249, 71.5177, 57.5995



23.0877, 14.0220, 14.1516



14.4989, 15.1526, 11.6444



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.



29.1050, 28.6166, 8.2649



48.9144, 46.3466, 9.0486



32.4131, 41.1446, 10.5087



8.9438, 9.4002, 8.9956



17.6842, 15.8670, 2.1306



0.6084, 0.6032, 0.0844

Inverse Universe

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



14.9552, 13.7991, 45.5912



21.9069, 18.1788, 80.6488



13.1108, 8.1943, 44.6065



8.2752, 8.6965, 10.7488



7.0275, 4.8554, 30.7038



0.2770, 0.2645, 0.9847

Previews

White Background



This preview shows how the XYZ color 29.1043, 28.6152, 8.2643 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 29.1043, 28.6152, 8.2643 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 29.1043, 28.6152, 8.2643

Background



This preview shows how black text looks on a background with the XYZ color 29.1043, 28.6152, 8.2643.



This preview shows how white text looks on a background with the XYZ color 29.1043, 28.6152,

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

29.1043, 28.6152, 8.2643

Protanopia

26.0487, 28.5870, 8.7023

Deuteranopia

29.1043, 28.6152, 8.2643



Tritanopia

33.4175, 28.7205, 28.9816

Trichromacy



Original Color

29.1043, 28.6152, 8.2643

Protanomaly

27.0270, 28.4169, 8.4754

Deuteranomaly

29.1043, 28.6152, 8.2643

Tritanomaly

31.4573, 28.5343, 19.1789

Monochromacy



Original Color

29.1043, 28.6152, 8.2643

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5583, 27.7064, 19.5709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1043, 28.6152, 8.2643 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, 139, 60)` looks like.

```
.text, #text, p{  
    color:rgb(181, 139, 60)  
}
```

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, 139, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 139, 60) }
```

Border

The CSS property to change the border of an element to XYZ 29.1043, 28.6152, 8.2643 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, 139, 60) }
```


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

```
.border{ border-color:rgb(181, 139, 60) }
```

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

Here you see how a box with a 4 pixel rgb(181, 139, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 139, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 139, 60);  
box-shadow:4px 4px 4px 4px rgb(181, 139,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1043, 28.6152, 8.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 139, 60) }
```

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

```
.background{ background-color: rgb(181,  
139, 60) }
```

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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