

Converting Colors

XYZ(28.1098, 25.9058, 5.5263)

Have a look what the booklet for
XYZ(28.1098, 25.9058, 5.5263)
contains.

XYZ(28.1098, 25.9058, 5.5263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1098, 25.9058,
5.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	B98028
RGB	185, 128, 40
RGB Percent	73%, 50%, 16%
CMY	0.2745, 0.4980, 0.8431
CMYK	0.00, 0.31, 0.78, 0.27
HSL	36°, 64%, 44%
HSV	36°, 78%, 73%
XYZ	28.1098, 25.9058, 5.5263
YIQ	135.0110, 62.2200, -15.2840

Conversions

Conversions Part 2

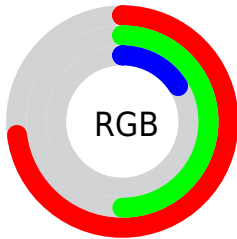
Format	Color
R_{YB}	134, 185, 40
Decimal	12156968
CIE _{Lab}	57.95, 14.39, 53.45
CIE _{LCh}	58, 55.349, 74.933
Yxy	25.9058, 0.4721, 0.4351
Android (android.graphics.Color)	4290347048 (0xFFB98028)
YUV	135.0110, -46.8404, 43.8404
Hunter-Lab	50.8977, 9.5109, 29.1909

Details

The XYZ color **28.1098, 25.9058, 5.5263** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **13.9067, 12.5030, 47.5791**, and the grayscale version is **23.1861, 24.3936, 26.5646**.

A 20% lighter version of the original color is **56.1118, 53.2329, 17.4428**, and **11.5484, 10.1040, 1.3416** is the 20% darker color. If you saturate the color by 10%, you get **26.9526, 23.9802, 3.9423**, and if you desaturate by 10%, it is **29.4868, 28.0302, 7.9267**.

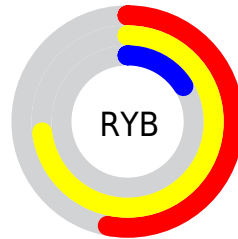
Distribution



Red (73%)

Green (50%)

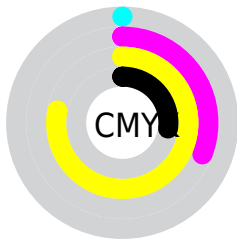
Blue (16%)



Red (53%)

Yellow (73%)

Blue (16%)

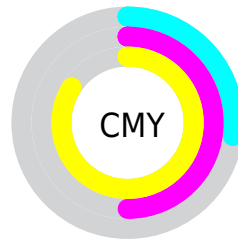


Cyan (0%)

Magenta (31%)

Yellow (78%)

Black (27%)



Cyan (27%)


Magenta (50%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1098, 25.9058, 5.5263 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 28.1098, 25.9058, 5.5263 by changing the saturation by 10% instead.


 28.1098, 25.9058,
5.5263


 28.1098, 25.9058,
5.5263


285.0618,
282.3194, 163.9222


 18.5493, 16.7532,
2.4952


 56.0671, 53.1229,
17.3998

 11.4472, 10.0587,
0.8376


 75.1947, 71.9563,
27.0793

 6.4379, 5.4379,
0.0000


 98.2419, 94.7852,
39.8120

 3.1563, 2.5064,
0.0000

 125.5743,
121.9943, 56.0164

 1.2370, 0.8798,
0.0000

 157.5571,
153.9679, 76.1111

 0.1353, 0.0000,
0.0000

 194.5557,

 0.0000, 0.0000,

191.0903, 100.5146

0.0000

236.9355,
233.7460, 129.6455

■ 28.1098, 25.9058,
5.5263

■ 28.1098, 25.9058,
5.5263

■ 26.9526, 23.9802,
3.9423

■ 29.4868, 28.0302,
7.9267

■ 25.9807, 22.2342,
3.0086

■ 31.1020, 30.3598,
11.2426

■ 25.8327, 21.9646,
2.8781

■ 32.9738, 32.9052,
15.5603

■ 35.1176, 35.6745,
20.9556

■ 37.5477, 38.6756,
27.4970

■ 40.2771, 41.9156,
35.2473

■ 43.3180, 45.4013,
44.2645

■ 46.6819, 49.1391,
54.6032

■ 50.3794, 53.1352,
66.3144

Harmonies

Analogous

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



34.8655, 25.9058, 9.4033



28.1098, 25.9058, 5.5263



21.4629, 25.9058, 5.5188

Triad

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



28.1098, 25.9058, 5.5263



14.1919, 25.9058, 38.7722



34.8389, 25.9058, 63.0249

Complementary

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



28.1098, 25.9058, 5.5263



13.9067, 12.5030, 47.5791

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.



28.0783, 25.9058, 80.6732



28.1098, 25.9058, 5.5263



16.6125, 25.9058, 62.9216

Square

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



28.1098, 25.9058, 5.5263



14.1973, 25.9058, 19.6948



21.4366, 25.9058, 80.6286



39.2019, 25.9058, 38.8745

Rectangle

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



28.1098, 25.9058, 5.5263



17.9837, 25.9058, 7.5372



21.4366, 25.9058, 80.6286



32.7224, 25.9058, 70.3143

Sweetspot

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



28.1104, 25.9071, 5.5268



69.1300, 71.5279, 54.5119



22.9711, 12.7139, 12.7991



14.5418, 14.9866, 10.7401



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.



28.1104, 25.9071, 5.5268



47.0033, 40.6815, 5.8042



34.4178, 43.4529, 8.5810



9.4458, 9.8946, 9.5189



17.6623, 15.1011, 1.9839



0.6811, 0.6492, 0.0894

Inverse Universe

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



13.9067, 12.5030, 47.5791



20.7159, 16.0603, 84.2127



11.0643, 5.8189, 46.4388



8.8029, 9.2831, 11.4073



7.6391, 5.7379, 31.9580



0.3302, 0.3240, 1.1469

Previews

White Background



This preview shows how the XYZ color 28.1098, 25.9058, 5.5263 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 28.1098, 25.9058, 5.5263 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 28.1098, 25.9058, 5.5263

Background



This preview shows how black text looks on a background with the XYZ color 28.1098, 25.9058, 5.5263.



This preview shows how white text looks on a background with the XYZ color 28.1098, 25.9058,

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

28.1098, 25.9058, 5.5263

Protanopia

23.5244, 25.9985, 6.0638

Deuteranopia

26.4166, 26.0290, 5.4655



Tritanopia

31.9141, 25.9651, 24.0986

Trichromacy



Original Color

28.1098, 25.9058, 5.5263

Protanomaly

25.1584, 25.9910, 5.8813

Deuteranomaly

27.0729, 25.9628, 5.5039

Tritanomaly

29.9797, 25.7204, 14.6937

Monochromacy



Original Color

28.1098, 25.9058, 5.5263

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6884, 24.1949, 15.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1098, 25.9058, 5.5263 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(185, 128, 40)` looks like.

```
.text, #text, p{  
    color:rgb(185, 128, 40)  
}
```

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(185, 128, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 128, 40) }
```

Border

The CSS property to change the border of an element to XYZ 28.1098, 25.9058, 5.5263 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(185, 128, 40) }
```


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

```
.border{ border-color:rgb(185, 128, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 128, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 128, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 128, 40);  
box-shadow:4px 4px 4px 4px rgb(185, 128,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1098, 25.9058, 5.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 128, 40) }
```

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

```
.background{ background-color: rgb(185,  
128, 40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor