

Converting Colors

XYZ(28.1739, 25.6258, 29.9977)

Have a look what the booklet for
XYZ(28.1739, 25.6258, 29.9977)
contains.

XYZ(28.1941, 25.6066, 29.8421)	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(28.1941, 25.6066,
29.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	A48190
RGB	164, 129, 144
RGB Percent	64%, 51%, 56%
CMY	0.3569, 0.4941, 0.4353
CMYK	0.00, 0.21, 0.12, 0.36
HSL	334°, 16%, 57%
HSV	334°, 21%, 64%
XYZ	28.1941, 25.6066, 29.8421
YIQ	141.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

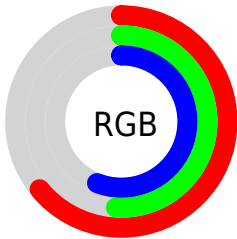
Format	Color
RYB	164, 129, 144
Decimal	10781072
CIELab	57.66, 15.95, -2.91
CIElCh	58, 16.215, 349.661
Yxy	25.6066, 0.3371, 0.3061
Android (android.graphics.Color)	4288971152 (0xFFA48190)
YUV	141.1750, 1.3927, 20.0175
Hunter-Lab	50.6030, 10.8984, 0.4570

Details

The XYZ color **28.1941, 25.6066, 29.8421** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **27.7545, 33.3886, 33.4171**, and the grayscale version is **25.3769, 26.6985, 29.0747**.

A 20% lighter version of the original color is **56.1344, 52.5932, 60.6190**, and **11.5711, 9.9902, 11.9081** is the 20% darker color. If you saturate the color by 10%, you get **25.5180, 21.3534, 25.5615**, and if you desaturate by 10%, it is **31.2778, 30.5793, 34.5527**.

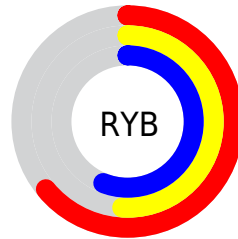
Distribution



Red (64%)

Green (51%)

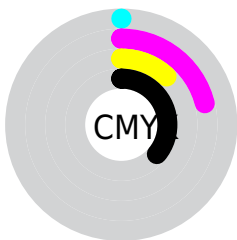
Blue (56%)



Red (64%)

Yellow (51%)

Blue (56%)

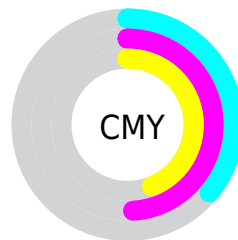


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1941, 25.6066, 29.8421 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 28.1941, 25.6066, 29.8421 by changing the saturation by 10% instead.

■ 28.1941, 25.6066,
29.8421

■ 28.1941, 25.6066,
29.8421

285.4565,
280.8455, 315.3521

■ 18.6132, 16.5296,
19.4677

■ 56.2007, 52.6396,
60.4704

■ 11.4935, 9.8997,
11.8285

■ 75.3571, 71.3644,
81.5615

■ 6.4695, 5.3325,
6.5059

■ 98.4360, 94.0738,
107.0618

■ 3.1760, 2.4436,
3.0813

125.8029,
121.1524, 137.3900

■ 1.2475, 0.8482,
1.1363

157.8230,
152.9845, 172.9646

■ 0.1434, 0.0000,
0.0000

194.8617,

■ 0.0000, 0.0000,

189.9544, 214.2041

0.0000

237.2845,
232.4466, 261.5271

■ 28.1941, 25.6066,
29.8421

■ 28.1941, 25.6066,
29.8421

■ 25.5180, 21.3534,
25.5615

■ 31.2778, 30.5793,
34.5527

■ 23.2295, 17.7828,
21.6961

■ 34.7838, 36.2995,
39.7040

■ 21.3099, 14.8594,
18.2327

■ 38.7287, 42.7977,
45.3085

■ 19.7381, 12.5438,
15.1565

■ 43.1273, 50.1019,
51.3776

■ 18.4908, 10.7916,
12.4518

■ 47.9941, 58.2387,
57.9223

■ 17.5415, 9.5527,
10.1014

■ 53.3425, 67.2332,
64.9531

■ 16.8591, 8.7679,
8.0860

■ 59.1857, 77.1098,
72.4803

■ 16.4243, 8.3383,
6.5843

■ 63.8533, 84.5259,
79.9529

■ 65.1223, 85.0335,
86.6353

Harmonies

Analogous

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



27.2927, 25.6066, 35.3811



28.1941, 25.6066, 29.8421



28.0214, 25.6066, 24.4402

Triad

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



28.1941, 25.6066, 29.8421



23.1051, 25.6066, 18.9851



22.0035, 25.6066, 36.8393

Complementary

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



28.1941, 25.6066, 29.8421



27.7545, 33.3886, 33.4171

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.



20.9929, 25.6066, 31.6310



28.1941, 25.6066, 29.8421



21.6052, 25.6066, 21.5240

Square

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



28.1941, 25.6066, 29.8421



25.0137, 25.6066, 18.6396



20.8511, 25.6066, 26.0082



23.6752, 25.6066, 39.7621

Rectangle

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



28.1941, 25.6066, 29.8421



27.3233, 25.6066, 21.6055



20.8511, 25.6066, 26.0082



21.5790, 25.6066, 35.2679

Sweetspot

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



28.1948, 25.6077, 29.8426



60.0026, 60.7599, 67.5042



26.9161, 24.7560, 38.4820



13.0336, 13.1459, 14.6340



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.1948, 25.6077, 29.8426



48.5858, 42.3465, 50.0715



27.4343, 25.8009, 24.3044



7.1939, 7.1340, 8.0073



12.6162, 6.4025, 5.1695



0.2886, 0.1439, 0.2322

Inverse Universe

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



28.1948, 25.6077, 29.8426



48.5858, 42.3465, 50.0715



28.6166, 33.0714, 39.9974



7.1939, 7.1340, 8.0073



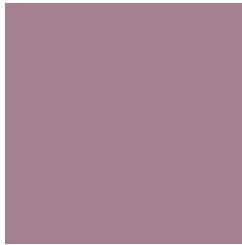
12.6162, 6.4025, 5.1695



0.2886, 0.1439, 0.2322

Previews

White Background



This preview shows how the XYZ color 28.1941, 25.6066, 29.8421 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 28.1941, 25.6066, 29.8421 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

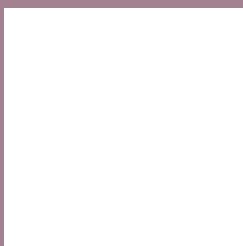
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1941, 25.6066, 29.8421

Background



This preview shows how black text looks on a background with the XYZ color 28.1941, 25.6066, 29.8421.



This preview shows how white text looks on a background with the XYZ color 28.1941, 25.6066,

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

28.1941, 25.6066, 29.8421

Protanopia

24.9945, 25.7502, 32.0867

Deuteranopia

26.0607, 25.5174, 29.5384



Tritanopia

27.8205, 25.6452, 28.2947

Trichromacy



Original Color

28.1941, 25.6066, 29.8421

Protanomaly

25.9631, 25.6376, 31.1839

Deuteranomaly

26.7268, 25.4543, 29.4911

Tritanomaly

27.8946, 25.6749, 28.6848

Monochromacy



Original Color

28.1941, 25.6066, 29.8421

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2226, 26.2339, 29.2728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1941, 25.6066, 29.8421 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(164, 129, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 129, 144)  
}
```

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(164, 129, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 129, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.1941, 25.6066, 29.8421 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(164, 129, 144) }
```


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

```
.border{ border-color:rgb(164, 129, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 129, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 129, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 129, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 129,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1941, 25.6066, 29.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 129, 144) }
```

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

```
.background{ background-color: rgb(164,  
129, 144) }
```

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