

Converting Colors

XYZ(28.2396, 25.3368, 13.8734)

Have a look what the booklet for
XYZ(28.2396, 25.3368, 13.8734)
contains.

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Color

**XYZ(28.2590, 25.4153,
13.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	B47E5D
RGB	180, 126, 93
RGB Percent	71%, 49%, 36%
CMY	0.2941, 0.5059, 0.6353
CMYK	0.00, 0.30, 0.48, 0.29
HSL	23°, 37%, 54%
HSV	23°, 48%, 71%
XYZ	28.2590, 25.4153, 13.7722
YIQ	138.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

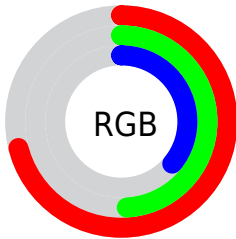
Format	Color
RYB	180, 146, 93
Decimal	11828829
CIELab	57.48, 17.00, 26.29
CIElCh	57, 31.309, 57.112
Yxy	25.4153, 0.4190, 0.3768
Android (android.graphics.Color)	4290018909 (0xFFB47E5D)
YUV	138.3840, -22.3743, 36.4972
Hunter-Lab	50.4136, 11.8332, 19.0924

Details

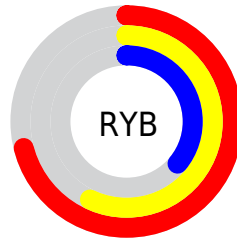
The XYZ color **28.2590, 25.4153, 13.7722** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.1857, 26.4888, 47.0707**, and the grayscale version is **24.3762, 25.6457, 27.9281**.

A 20% lighter version of the original color is **56.4140, 52.4310, 33.5324**, and **11.6045, 9.8650, 3.8773** is the 20% darker color. If you saturate the color by 10%, you get **26.2041, 22.4348, 9.6061**, and if you desaturate by 10%, it is **30.6624, 28.7925, 18.9808**.

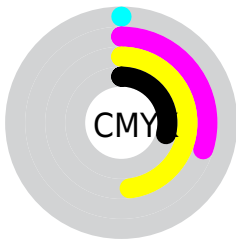
Distribution



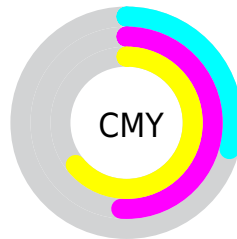
- Red (71%)
- Green (49%)
- Blue (36%)



- Red (71%)
- Yellow (57%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2590, 25.4153, 13.7722 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 28.2590, 25.4153, 13.7722 by changing the saturation by 10% instead.


 28.2590, 25.4153,
13.7722


 28.2590, 25.4153,
13.7722


285.7601,
279.8999, 227.1880


 18.6624, 16.3867,
7.8255


 56.3034, 52.3302,
33.3956

 11.5292, 9.7982,
3.8973


 75.4820, 70.9853,
47.9093

 6.4939, 5.2654,
1.5692


 98.5853, 93.6180,
66.1157

 3.1911, 2.4038,
0.2687

 125.9787,
120.6127, 88.4335

 1.2556, 0.8278,
0.0000

158.0275,
152.3539, 115.2810

 0.1496, 0.0000,
0.0000

195.0971,

 0.0000, 0.0000,

189.2259, 147.0769

0.0000

237.5529,
231.6131, 184.2397

■ 28.2590, 25.4153,
13.7722

■ 28.2590, 25.4153,
13.7722

■ 26.2041, 22.4348,
9.6061

■ 30.6624, 28.7925,
18.9808

■ 24.4772, 19.8313,
6.4088

■ 33.4294, 32.5774,
25.2955

■ 23.0583, 17.5893,
4.0993


■ 36.5765, 36.7852,
32.7768


■ 21.9238, 15.6897,
2.5825


■ 40.1186, 41.4291,
41.4801


■ 21.0381, 14.1086,
1.7006


■ 44.0695, 46.5218,
51.4573

 20.9067, 13.8720,
1.5757

 48.4426, 52.0754,
62.7574

 53.2504, 58.1013,
75.4267

 58.5051, 64.6109,
89.5092

 64.2181, 71.6149,
105.0461

Harmonies

Analogous

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



31.1108, 25.4153, 19.3362



28.2590, 25.4153, 13.7722



24.5192, 25.4153, 11.8235

Triad

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



28.2590, 25.4153, 13.7722



17.6848, 25.4153, 26.6522



27.5707, 25.4153, 50.2474

Complementary

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



28.2590, 25.4153, 13.7722



23.1857, 26.4888, 47.0707

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.



23.7974, 25.4153, 53.6377



28.2590, 25.4153, 13.7722



18.3244, 25.4153, 38.1160

Square

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



28.2590, 25.4153, 13.7722



18.6262, 25.4153, 17.9605



20.4716, 25.4153, 48.7247



30.6855, 25.4153, 40.3754

Rectangle

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



28.2590, 25.4153, 13.7722



22.1092, 25.4153, 12.3311



20.4716, 25.4153, 48.7247



26.3264, 25.4153, 52.2778

Sweetspot

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



28.2596, 25.4165, 13.7727



68.8620, 70.0492, 65.6172



28.0900, 19.6735, 30.3755



14.5948, 14.7601, 13.4770



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.



28.2596, 25.4165, 13.7727



47.2892, 40.3468, 16.9827



34.8747, 38.6467, 15.9777



8.7518, 9.0161, 8.9315



14.6520, 9.8026, 1.1198



0.5183, 0.4231, 0.0543

Inverse Universe

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



23.1857, 26.4888, 47.0707



36.9619, 42.4608, 84.5423



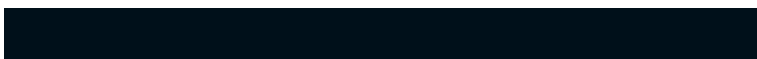
17.7636, 15.6446, 45.2633



8.4664, 9.0790, 10.8125



9.8382, 10.4768, 31.6407



0.3636, 0.4378, 1.0136

Previews

White Background



This preview shows how the XYZ color 28.2590, 25.4153, 13.7722 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 28.2590, 25.4153, 13.7722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

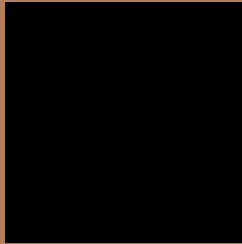
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2590, 25.4153, 13.7722

Background



This preview shows how black text looks on a background with the XYZ color 28.2590, 25.4153, 13.7722.



This preview shows how white text looks on a background with the XYZ color 28.2590, 25.4153,

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

28.2590, 25.4153, 13.7722

Protanopia

23.6875, 25.4484, 15.2188

Deuteranopia

25.9089, 25.3822, 13.6589



Tritanopia

30.3951, 25.3537, 24.4109

Trichromacy



Original Color

28.2590, 25.4153, 13.7722

Protanomaly

25.1336, 25.3683, 14.6382

Deuteranomaly

26.7090, 25.3959, 13.6194

Tritanomaly

29.5852, 25.3954, 20.1721

Monochromacy



Original Color

28.2590, 25.4153, 13.7722

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1748, 25.2276, 21.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2590, 25.4153, 13.7722 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(180, 126, 93)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 93)  
}
```

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(180, 126, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.2590, 25.4153, 13.7722 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(180, 126, 93) }
```


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

```
.border{ border-color:rgb(180, 126, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 93);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2590, 25.4153, 13.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 93) }
```

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

```
.background{ background-color: rgb(180,  
126, 93) }
```

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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