

Converting Colors

XYZ(28.4124, 29.1490, 23.6082)

Have a look what the booklet for
XYZ(28.4124, 29.1490, 23.6082)
contains.

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Color

**XYZ(28.5250, 29.3085,
23.5557)**

Conversions

Conversions Part 1

Format	Color
Hex	A1917D
RGB	161, 145, 125
RGB Percent	63%, 57%, 49%
CMY	0.3686, 0.4314, 0.5098
CMYK	0.00, 0.10, 0.22, 0.37
HSL	33°, 16%, 56%
HSV	33°, 22%, 63%
XYZ	28.5250, 29.3085, 23.5557
YIQ	147.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

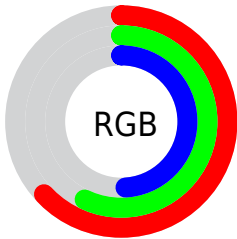
Format	Color
RYB	154, 161, 125
Decimal	10588541
CIELab	61.05, 2.63, 12.79
CIELCh	61, 13.056, 78.359
Yxy	29.3085, 0.3505, 0.3601
Android (android.graphics.Color)	4288778621 (0xFFA1917D)
YUV	147.5040, -11.0945, 11.8360
Hunter-Lab	54.1373, -0.6885, 12.0984

Details

The XYZ color **28.5250, 29.3085, 23.5557** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4152, 25.9823, 37.4467**, and the grayscale version is **27.9825, 29.4398, 32.0599**.

A 20% lighter version of the original color is **56.7782, 58.6601, 50.4495**, and **11.7034, 11.9574, 8.5287** is the 20% darker color. If you saturate the color by 10%, you get **26.5200, 26.8130, 18.2178**, and if you desaturate by 10%, it is **30.7672, 32.0110, 29.7959**.

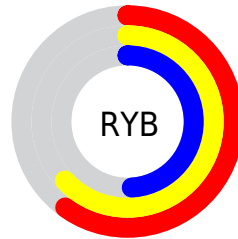
Distribution



Red (63%)

Green (57%)

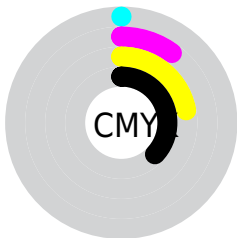
Blue (49%)



Red (60%)

Yellow (63%)

Blue (49%)

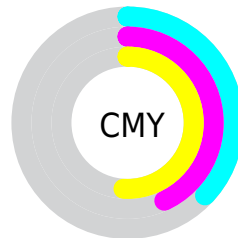


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5250, 29.3085, 23.5557 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 28.5250, 29.3085, 23.5557 by changing the saturation by 10% instead.

■ 28.5250, 29.3085,
23.5557

■ 28.5250, 29.3085,
23.5557

287.0019,
298.6678, 283.7803

■ 18.8643, 19.3143,
14.7952

■ 56.7243, 58.5669,
50.2389

■ 11.6757, 11.8976,
8.5308

■ 75.9937, 78.5999,
68.9987

■ 6.5939, 6.6740,
4.3438

■ 99.1965, 102.7479,
91.9287

■ 3.2535, 3.2591,
1.8158

126.6984,
131.3954, 119.4474

■ 1.2892, 1.2684,
0.4383

158.8644,
164.9267, 151.9734

■ 0.1751, 0.1166,
0.0000

196.0602,

■ 0.0000, 0.0000,

203.7263, 189.9252

0.0000

238.6509,
248.1785, 233.7213

■ 28.5250, 29.3085,
23.5557

■ 28.5250, 29.3085,
23.5557

■ 26.5200, 26.8130,
18.2178

■ 30.7672, 32.0110,
29.7959

■ 24.7405, 24.5149,
13.7377

■ 33.2529, 34.9221,
36.9765

■ 23.1774, 22.4094,
10.0698

■ 35.9912, 38.0482,
45.1353

■ 21.8198, 20.4900,
7.1637

■ 38.9898, 41.3944,
54.3078

■ 20.6557, 18.7499,
4.9630

■ 42.2562, 44.9653,
64.5275

■ 19.6716, 17.1812,
3.4034

■ 45.7975, 48.7657,
75.8264

■ 18.8517, 15.7753,
2.4089

■ 49.6205, 52.8000,
88.2353

■ 18.3087, 14.7985,
1.8914

■ 53.7318, 57.0725,
101.7835

■ 55.6446, 60.5902,
103.3700

Harmonies

Analogous

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



30.0972, 29.3085, 25.3847



28.5250, 29.3085, 23.5557



26.8349, 29.3085, 23.7895

Triad

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



28.5250, 29.3085, 23.5557



24.8538, 29.3085, 34.9679



30.3847, 29.3085, 38.5805

Complementary

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



28.5250, 29.3085, 23.5557



24.4152, 25.9823, 37.4467

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.



28.9044, 29.3085, 41.7002



28.5250, 29.3085, 23.5557



25.7305, 29.3085, 39.4720

Square

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



28.5250, 29.3085, 23.5557



24.7616, 29.3085, 30.0509



27.1992, 29.3085, 42.0421



31.1998, 29.3085, 33.8483

Rectangle

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



28.5250, 29.3085, 23.5557



25.8675, 29.3085, 25.0885



27.1992, 29.3085, 42.0421



29.9457, 29.3085, 39.8725

Sweetspot

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



28.5258, 29.3098, 23.5563



57.3731, 60.0071, 59.8706



26.8545, 24.1737, 28.5283



12.5304, 13.0991, 12.9792



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.5258, 29.3098, 23.5563



49.1863, 50.1444, 37.0691



30.7845, 34.3620, 24.4124



7.3848, 7.7079, 7.4787



14.6637, 11.9013, 1.5243



0.3543, 0.3425, 0.0474

Inverse Universe

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



24.4152, 25.9823, 37.4467



40.4573, 43.0794, 66.5694



22.4896, 21.7375, 36.7288



6.9474, 7.3538, 8.9563



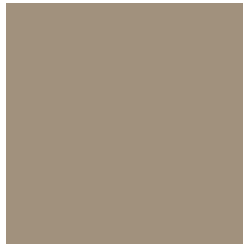
7.0045, 5.7885, 27.6779



0.1941, 0.2154, 0.5972

Previews

White Background



This preview shows how the XYZ color 28.5250, 29.3085, 23.5557 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 28.5250, 29.3085, 23.5557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

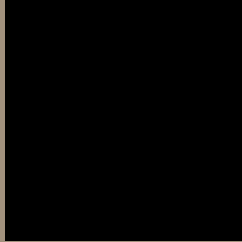
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5250, 29.3085, 23.5557

Background



This preview shows how black text looks on a background with the XYZ color 28.5250, 29.3085, 23.5557.



This preview shows how white text looks on a background with the XYZ color 28.5250, 29.3085,

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

28.5250, 29.3085, 23.5557

Protanopia

27.7172, 29.3424, 23.9415

Deuteranopia

29.8011, 29.2874, 23.8210



Tritanopia

30.5022, 29.2093, 33.7361

Trichromacy



Original Color

28.5250, 29.3085, 23.5557

Protanomaly

27.9494, 29.2322, 23.9080

Deuteranomaly

29.3142, 29.2583, 23.8410

Tritanomaly

29.6597, 29.0855, 29.6420

Monochromacy



Original Color

28.5250, 29.3085, 23.5557

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3042, 29.5332, 29.0196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5250, 29.3085, 23.5557 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(161, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(161, 145, 125)  
}
```

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(161, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.5250, 29.3085, 23.5557 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(161, 145, 125) }
```


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

```
.border{ border-color:rgb(161, 145, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 145, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 145, 125); box-shadow:4px 4px 4px 4px rgb(161, 145, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5250, 29.3085, 23.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 145, 125) }
```

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

```
.background{ background-color: rgb(161,  
145, 125) }
```

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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