

Converting Colors

XYZ(25.3376, 28.2040, 12.2671)

Have a look what the booklet for
XYZ(25.3376, 28.2040, 12.2671)
contains.

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Color

**XYZ(25.3578, 28.1509,
12.2808)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9253
RGB	155, 146, 83
RGB Percent	61%, 57%, 33%
CMY	0.3922, 0.4274, 0.6745
CMYK	0.00, 0.06, 0.46, 0.39
HSL	53°, 30%, 47%
HSV	53°, 46%, 61%
XYZ	25.3578, 28.1509, 12.2808
YIQ	141.5090, 25.5870, -17.6850

Conversions

Conversions Part 2

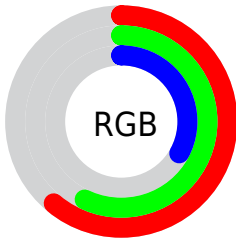
Format	Color
RYB	93, 155, 83
Decimal	10195539
CIELab	60.02, -5.81, 34.45
CIElCh	60, 34.933, 99.579
Yxy	28.1509, 0.3854, 0.4279
Android (android.graphics.Color)	4288385619 (0xFF9B9253)
YUV	141.5090, -28.8449, 11.8316
Hunter-Lab	53.0574, -7.5398, 23.4168

Details

The XYZ color **25.3578, 28.1509, 12.2808** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3107, 11.8595, 32.5978**, and the grayscale version is **25.6210, 26.9553, 29.3543**.

A 20% lighter version of the original color is **51.8213, 56.8787, 30.8017**, and **9.9657, 11.3119, 3.2483** is the 20% darker color. If you saturate the color by 10%, you get **24.5293, 27.3469, 9.3751**, and if you desaturate by 10%, it is **26.3265, 29.0212, 15.8940**.

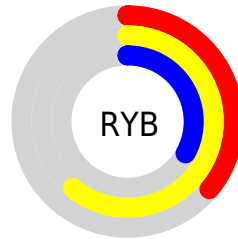
Distribution



Red (61%)

Green (57%)

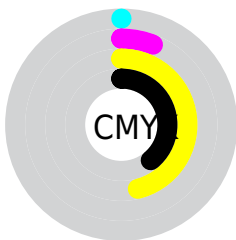
Blue (33%)



Red (36%)

Yellow (61%)

Blue (33%)

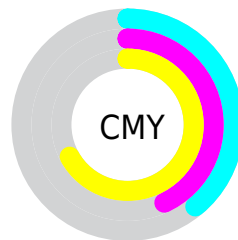


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3578, 28.1509, 12.2808 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 25.3578, 28.1509, 12.2808 by changing the saturation by 10% instead.

■ 25.3578, 28.1509,
12.2808

■ 25.3578, 28.1509,
12.2808

271.9300,
293.1873, 217.2990

■ 16.4740, 18.4394,
6.8104

■ 51.6758, 56.7253,
30.6775

■ 9.9531, 11.2659,
3.2671

■ 69.8407, 76.3570,
44.4409

■ 5.4299, 6.2460,
1.2326

■ 91.8300, 100.0642,
61.8056

■ 2.5390, 2.9952,
0.0056

■ 118.0091,
128.2314, 83.1903

■ 0.9150, 1.1292,
0.0000

■ 148.7433,
161.2429, 109.0134

■ 0.0000, 0.0027,
0.0000

184.3979,

■ 0.0000, 0.0000,

199.4831, 139.6935

0.0000

225.3384,
243.3364, 175.6492

■ 25.3578, 28.1509,
12.2808

■ 25.3578, 28.1509,
12.2808

■ 24.5293, 27.3469,
9.3751

■ 26.3265, 29.0212,
15.8940

■ 23.8299, 26.6015,
7.1277

■ 27.4417, 29.9571,
20.2561

■ 23.2502, 25.9121,
5.4857

■ 28.7115, 30.9631,
25.4074

■ 22.7784, 25.2738,
4.3873

■ 30.1430, 32.0419,
31.3848

■ 22.3972, 24.6796,
3.7412

■ 31.7427, 33.1963,
38.2228

■ 22.2702, 24.4739,
3.5502

■ 33.5170, 34.4288,
45.9541

■ 35.4716, 35.7417,
54.6095

■ 37.6121, 37.1374,
64.2185

■ 39.9440, 38.6180,
74.8091

Harmonies

Analogous

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



29.8547, 28.1509, 12.9437



25.3578, 28.1509, 12.2808



21.6666, 28.1509, 15.3774

Triad

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



25.3578, 28.1509, 12.2808



20.6884, 28.1509, 49.0668



35.6035, 28.1509, 40.0221

Complementary

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



25.3578, 28.1509, 12.2808



13.3107, 11.8595, 32.5978

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.



32.5872, 28.1509, 53.6853



25.3578, 28.1509, 12.2808



23.8806, 28.1509, 59.8313

Square

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



25.3578, 28.1509, 12.2808



19.1748, 28.1509, 34.9130



28.2059, 28.1509, 61.7228



36.1122, 28.1509, 26.7518

Rectangle

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



25.3578, 28.1509, 12.2808



20.0353, 28.1509, 19.8418



28.2059, 28.1509, 61.7228



34.8345, 28.1509, 44.8103

Sweetspot

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



25.3585, 28.1522, 12.2814



51.9525, 55.8611, 47.7047



18.5691, 13.9386, 11.9754



11.6469, 12.5577, 10.3337



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.3585, 28.1522, 12.2814



43.8423, 48.8867, 16.4970



22.2754, 28.7031, 12.5502



6.6430, 7.0912, 6.6244



17.9065, 19.6955, 2.8578



0.2838, 0.3266, 0.0481

Inverse Universe

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



13.3107, 11.8595, 32.5978



19.5045, 15.9917, 57.5950



15.3659, 11.8301, 32.4838



5.9436, 6.1446, 7.8017



4.9607, 2.3181, 25.0937



0.0883, 0.0630, 0.3799

Previews

White Background



This preview shows how the XYZ color 25.3578, 28.1509, 12.2808 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 25.3578, 28.1509, 12.2808 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 25.3578, 28.1509, 12.2808

Background



This preview shows how black text looks on a background with the XYZ color 25.3578, 28.1509, 12.2808.



This preview shows how white text looks on a background with the XYZ color 25.3578, 28.1509,

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

25.3578, 28.1509, 12.2808

Protanopia

25.9848, 28.2463, 12.2661

Deuteranopia

28.6327, 28.0629, 12.5019



Tritanopia

29.4136, 28.0283, 32.2935

Trichromacy



Original Color

25.3578, 28.1509, 12.2808

Protanomaly

25.7873, 28.1444, 12.2569

Deuteranomaly

27.2736, 28.0147, 12.3574

Tritanomaly

27.5246, 27.9013, 23.3368

Monochromacy



Original Color

25.3578, 28.1509, 12.2808

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3063, 27.2284, 22.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3578, 28.1509, 12.2808 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(155, 146, 83)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 83)  
}
```

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(155, 146, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 83) }
```

Border

The CSS property to change the border of an element to XYZ 25.3578, 28.1509, 12.2808 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(155, 146, 83) }
```


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

```
.border{ border-color:rgb(155, 146, 83) }
```

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

Here you see how a box with a 4 pixel rgb(155, 146, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 83);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3578, 28.1509, 12.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 83) }
```

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

```
.background{ background-color: rgb(155,  
146, 83) }
```

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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