

Converting Colors

XYZ(25.1124, 27.7174, 11.0852)

Have a look what the booklet for
XYZ(25.1124, 27.7174, 11.0852)
contains.

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Color

**XYZ(25.1753, 27.8545,
11.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	9C914D
RGB	156, 145, 77
RGB Percent	61%, 57%, 30%
CMY	0.3882, 0.4314, 0.6980
CMYK	0.00, 0.07, 0.51, 0.39
HSL	52°, 34%, 46%
HSV	52°, 51%, 61%
XYZ	25.1753, 27.8545, 11.0708
YIQ	140.5370, 28.3840, -18.8160

Conversions

Conversions Part 2

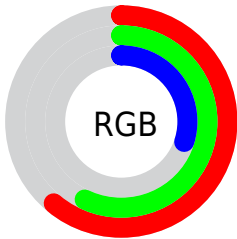
Format	Color
R_{YB}	90, 156, 77
Decimal	10260813
CIE _{Lab}	59.76, -5.43, 37.27
CIE _{LCh}	60, 37.662, 98.294
Yxy	27.8545, 0.3927, 0.4345
Android (android.graphics.Color)	4288450893 (0xFF9C914D)
YUV	140.5370, -31.3237, 13.5611
Hunter-Lab	52.7774, -7.2142, 24.5072

Details

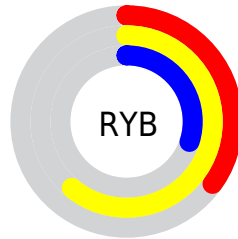
The XYZ color **25.1753, 27.8545, 11.0708** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.5511, 10.9574, 32.9060**, and the grayscale version is **25.2476, 26.5625, 28.9265**.

A 20% lighter version of the original color is **51.4711, 56.4024, 28.5960**, and **9.9075, 11.1567, 2.7937** is the 20% darker color. If you saturate the color by 10%, you get **24.3608, 27.0039, 8.4002**, and if you desaturate by 10%, it is **26.1296, 28.7733, 14.4404**.

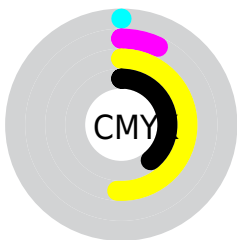
Distribution



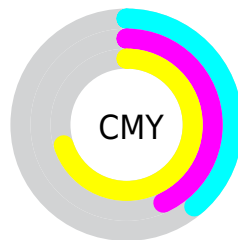
- Red (61%)
- Green (57%)
- Blue (30%)



- Red (35%)
- Yellow (61%)
- Blue (30%)



- Cyan (0%)
- Magenta (7%)
- Yellow (51%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1753, 27.8545, 11.0708 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 25.1753, 27.8545, 11.0708 by changing the saturation by 10% instead.

■ 25.1753, 27.8545,
11.0708

■ 25.1753, 27.8545,
11.0708

271.0414,
291.7710, 208.9075

■ 16.3371, 18.2160,
5.9997

■ 51.3823, 56.2521,
28.4297

■ 9.8554, 11.1052,
2.7761

■ 69.4819, 75.7799,
41.5545

■ 5.3647, 6.1376,
0.9815

■ 91.3993, 99.3730,
58.2010

■ 2.4997, 2.9289,
0.0000

■ 117.4999,
127.4158, 78.7877

■ 0.8951, 1.0947,
0.0000

■ 148.1490,
160.2925, 103.7332

■ 0.0000, 0.0000,
0.0000

183.7121,

198.3877, 133.4560

224.5544,
242.0858, 168.3745

■ 25.1753, 27.8545,
11.0708

■ 25.1753, 27.8545,
11.0708

■ 24.3608, 27.0039,
8.4002

■ 26.1296, 28.7733,
14.4404

■ 23.6746, 26.2136,
6.3763

■ 27.2303, 29.7598,
18.5529

■ 23.1061, 25.4805,
4.9423

■ 28.4861, 30.8186,
23.4505

■ 22.6428, 24.7994,
4.0306

■ 29.9045, 31.9527,
29.1718

■ 22.2750, 24.1972,
3.4965

■ 31.4921, 33.1650,
35.7530

■ 33.2556, 34.4580,
43.2279

■ 35.2010, 35.8342,
51.6286

■ 37.3342, 37.2961,
60.9856

■ 39.6607, 38.8458,
71.3280

Harmonies

Analogous

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



30.0094, 27.8545, 11.9007



25.1753, 27.8545, 11.0708



21.1942, 27.8545, 14.0465

Triad

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



25.1753, 27.8545, 11.0708



19.9164, 27.8545, 49.6647



35.9305, 27.8545, 41.1033

Complementary

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



25.1753, 27.8545, 11.0708



12.5511, 10.9574, 32.9060

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.



32.5670, 27.8545, 55.9305



25.1753, 27.8545, 11.0708



23.2293, 27.8545, 61.8169

Square

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



25.1753, 27.8545, 11.0708



18.4053, 27.8545, 34.2729



27.8184, 27.8545, 64.4014



36.6136, 27.8545, 26.6996

Rectangle

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



25.1753, 27.8545, 11.0708



19.4212, 27.8545, 18.5245



27.8184, 27.8545, 64.4014



35.0580, 27.8545, 46.3121

Sweetspot

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



25.1760, 27.8558, 11.0714



53.0777, 57.0585, 47.9543



18.1613, 13.0948, 10.9890



11.5697, 12.4674, 10.1104



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.



25.1760, 27.8558, 11.0714



44.0358, 48.8144, 14.6056



22.1831, 28.9293, 11.4363



7.0914, 7.5628, 7.0717



18.3665, 19.9686, 2.8863



0.3480, 0.3963, 0.0582

Inverse Universe

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



12.5511, 10.9574, 32.9060



18.4341, 14.5735, 58.9681



14.4396, 10.6906, 32.7550



6.3555, 6.5768, 8.3412



5.1908, 2.4731, 26.1110



0.1115, 0.0816, 0.4731

Previews

White Background



This preview shows how the XYZ color 25.1753, 27.8545, 11.0708 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 25.1753, 27.8545, 11.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

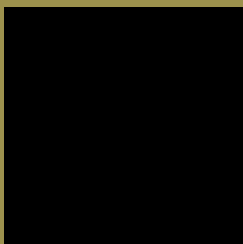
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

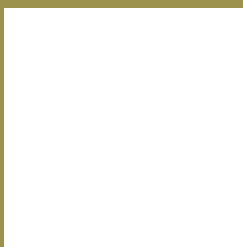
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1753, 27.8545, 11.0708

Background



This preview shows how black text looks on a background with the XYZ color 25.1753, 27.8545, 11.0708.



This preview shows how white text looks on a background with the XYZ color 25.1753, 27.8545,

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

25.1753, 27.8545, 11.0708

Protanopia

25.6109, 27.8533, 11.0476

Deuteranopia

28.2614, 27.6859, 11.2515



Tritanopia

29.3952, 27.8160, 31.8367

Trichromacy



Original Color

25.1753, 27.8545, 11.0708

Protanomaly

25.4134, 27.7514, 11.0383

Deuteranomaly

27.1154, 27.7412, 11.1332

Tritanomaly

27.3881, 27.6349, 22.3029

Monochromacy



Original Color

25.1753, 27.8545, 11.0708

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7971, 26.7650, 20.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1753, 27.8545, 11.0708 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(156, 145, 77)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 77)  
}
```

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(156, 145, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 77) }
```

Border

The CSS property to change the border of an element to XYZ 25.1753, 27.8545, 11.0708 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(156, 145, 77) }
```


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

```
.border{ border-color:rgb(156, 145, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 77);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1753, 27.8545, 11.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 77) }
```

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

```
.background{ background-color: rgb(156,  
145, 77) }
```

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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