

Converting Colors

XYZ(25.4590, 27.0277, 11.5172)

Have a look what the booklet for
XYZ(25.4590, 27.0277, 11.5172)
contains.

XYZ(25.4700, 27.1025, 11.4783)	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(25.4700, 27.1025,
11.4783)**

Conversions

Conversions Part 1

Format	Color
Hex	A08D50
RGB	160, 141, 80
RGB Percent	63%, 55%, 31%
CMY	0.3726, 0.4470, 0.6863
CMYK	0.00, 0.12, 0.50, 0.37
HSL	46°, 33%, 47%
HSV	46°, 50%, 63%
XYZ	25.4700, 27.1025, 11.4783
YIQ	139.7270, 30.9050, -14.9430

Conversions

Conversions Part 2

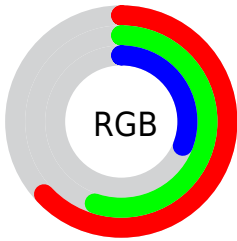
Format	Color
RYB	105, 160, 80
Decimal	10521936
CIELab	59.07, -1.22, 34.95
CIELCh	59, 34.972, 91.998
Yxy	27.1025, 0.3977, 0.4231
Android (android.graphics.Color)	4288712016 (0xFFA08D50)
YUV	139.7270, -29.4454, 17.7794
Hunter-Lab	52.0601, -3.7753, 23.3697

Details

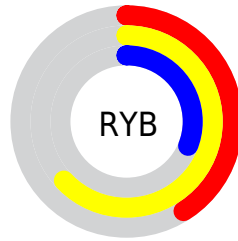
The XYZ color **25.4700, 27.1025, 11.4783** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1151, 13.1667, 35.0550**, and the grayscale version is **24.9240, 26.2220, 28.5558**.

A 20% lighter version of the original color is **51.7074, 54.8212, 29.3290**, and **9.9457, 10.6506, 2.8981** is the 20% darker color. If you saturate the color by 10%, you get **24.3974, 25.7934, 8.5435**, and if you desaturate by 10%, it is **26.7039, 28.5089, 15.1620**.

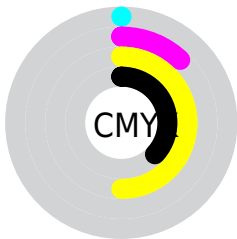
Distribution



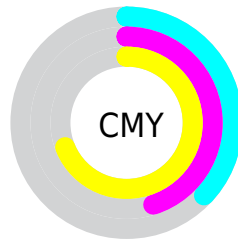
- Red (63%)
- Green (55%)
- Blue (31%)



- Red (41%)
- Yellow (63%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4700, 27.1025, 11.4783 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 25.4700, 27.1025, 11.4783 by changing the saturation by 10% instead.

■ 25.4700, 27.1025,
11.4783

■ 25.4700, 27.1025,
11.4783

272.4752,
288.1531, 211.7741

■ 16.5582, 17.6502,
6.2713

■ 51.8561, 55.0483,
29.1913

■ 10.0133, 10.6992,
2.9393

■ 70.0611, 74.3106,
42.5345

■ 5.4701, 5.8649,
1.0637

■ 92.0945, 97.6117,
59.4268

■ 2.5632, 2.7631,
0.0000

■ 118.3216,
125.3360, 80.2867

■ 0.9272, 1.0093,
0.0000

■ 149.1079,
157.8679, 105.5329

■ 0.0000, 0.0000,
0.0000

184.8187,

195.5918, 135.5838

225.8194,
238.8920, 170.8580

■ 25.4700, 27.1025,
11.4783

■ 25.4700, 27.1025,
11.4783

■ 24.3974, 25.7934,
8.5435

■ 26.7039, 28.5089,
15.1620

■ 23.4739, 24.5734,
6.3024

■ 28.1065, 30.0128,
19.6414

■ 22.6883, 23.4387,
4.6950

■ 29.6871, 31.6192,
24.9611

■ 22.0269, 22.3835,
3.6498

■ 31.4535, 33.3316,
31.1620

■ 21.4577, 21.3947,
2.9987

■ 33.4132, 35.1533,
38.2826

■ 21.4576, 21.3946,
2.9986

■ 35.5733, 37.0873,
46.3587

■ 37.9403, 39.1365,
55.4244

■ 40.5205, 41.3039,
65.5122

■ 43.3201, 43.5919,
76.6528

Harmonies

Analogous

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



29.8839, 27.1025, 13.0276



25.4700, 27.1025, 11.4783



21.5829, 27.1025, 13.5172

Triad

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



25.4700, 27.1025, 11.4783



19.3061, 27.1025, 44.0867



33.8608, 27.1025, 42.2258

Complementary

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



25.4700, 27.1025, 11.4783



14.1151, 13.1667, 35.0550

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.



30.4443, 27.1025, 54.7999



25.4700, 27.1025, 11.4783



22.0343, 27.1025, 56.0696

Square

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



25.4700, 27.1025, 11.4783



18.2820, 27.1025, 30.3519



26.0524, 27.1025, 60.4526



35.0415, 27.1025, 28.6838

Rectangle

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



25.4700, 27.1025, 11.4783



19.7231, 27.1025, 17.0965



26.0524, 27.1025, 60.4526



32.9182, 27.1025, 46.8236

Sweetspot

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



25.4707, 27.1038, 11.4789



55.3712, 58.8518, 50.4213



19.6662, 14.1312, 13.7480



12.0069, 12.7736, 10.5801



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.



25.4707, 27.1038, 11.4789



44.0913, 46.5689, 14.9786



24.8340, 31.2961, 12.3216



7.0366, 7.4532, 7.0534



16.7503, 16.7362, 2.3476



0.3294, 0.3590, 0.0519

Inverse Universe

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



14.1151, 13.1667, 35.0550



21.0983, 18.3831, 62.8228



14.4696, 10.9850, 34.6152



6.4063, 6.6783, 8.3581



5.5122, 3.1159, 26.2181



0.1278, 0.1142, 0.4785

Previews

White Background



This preview shows how the XYZ color 25.4700, 27.1025, 11.4783 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 25.4700, 27.1025, 11.4783 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 25.4700, 27.1025, 11.4783

Background



This preview shows how black text looks on a background with the XYZ color 25.4700, 27.1025, 11.4783.



This preview shows how white text looks on a background with the XYZ color 25.4700, 27.1025,

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

25.4700, 27.1025, 11.4783

Protanopia

24.8313, 26.9931, 11.4909

Deuteranopia

27.5229, 27.0866, 11.5622



Tritanopia

29.2850, 27.1708, 30.0866

Trichromacy



Original Color

25.4700, 27.1025, 11.4783

Protanomaly

25.0256, 27.0933, 11.5000

Deuteranomaly

26.7221, 27.0959, 11.6062

Tritanomaly

27.7067, 27.1643, 21.8721

Monochromacy



Original Color

25.4700, 27.1025, 11.4783

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6807, 26.2672, 20.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4700, 27.1025, 11.4783 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(160, 141, 80)` looks like.

```
.text, #text, p{  
    color:rgb(160, 141, 80)  
}
```

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(160, 141, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 141, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.4700, 27.1025, 11.4783 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(160, 141, 80) }
```


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

```
.border{ border-color:rgb(160, 141, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 141, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 141, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 141, 80);  
box-shadow:4px 4px 4px 4px rgb(160, 141,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4700, 27.1025, 11.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 141, 80) }
```

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

```
.background{ background-color: rgb(160,  
141, 80) }
```

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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