

Converting Colors

XYZ(20.0769, 25.8915, 11.3556)

Have a look what the booklet for
XYZ(20.0769, 25.8915, 11.3556)
contains.

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Color

**XYZ(20.0272, 25.8819,
11.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	7A944F
RGB	122, 148, 79
RGB Percent	48%, 58%, 31%
CMY	0.5216, 0.4196, 0.6902
CMYK	0.18, 0.00, 0.47, 0.42
HSL	83°, 30%, 45%
HSV	83°, 47%, 58%
XYZ	20.0272, 25.8819, 11.3373
YIQ	132.3600, 6.6530, -26.9710

Conversions

Conversions Part 2

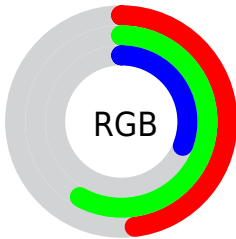
Format	Color
RYB	79, 148, 105
Decimal	8033359
CIELab	57.92, -21.11, 33.37
CIELCh	58, 39.484, 122.323
Yxy	25.8819, 0.3498, 0.4521
Android (android.graphics.Color)	4286223439 (0xFF7A944F)
YUV	132.3600, -26.3065, -9.0857
Hunter-Lab	50.8743, -18.7615, 22.3992

Details

The XYZ color **20.0272, 25.8819, 11.3373** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.9681, 10.7341, 29.3542**, and the grayscale version is **22.1532, 23.3069, 25.3812**.

A 20% lighter version of the original color is **43.0543, 53.0829, 29.0959**, and **7.1205, 9.9879, 2.8489** is the 20% darker color. If you saturate the color by 10%, you get **18.7803, 25.2954, 8.7733**, and if you desaturate by 10%, it is **21.4406, 26.5420, 14.5363**.

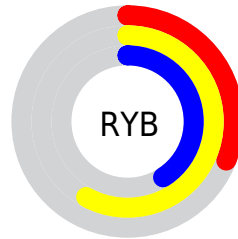
Distribution



Red (48%)

Green (58%)

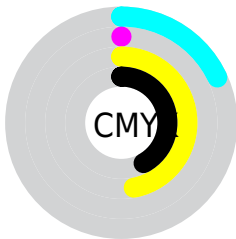
Blue (31%)



Red (31%)

Yellow (58%)

Blue (41%)

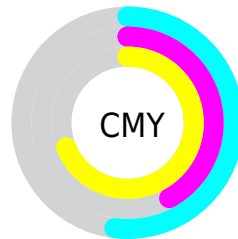


Cyan (18%)

Magenta (0%)

Yellow (47%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0272, 25.8819, 11.3373 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 20.0272, 25.8819, 11.3373 by changing the saturation by 10% instead.

■ 20.0272, 25.8819,
11.3373

■ 20.0272, 25.8819,
11.3373

244.8931,
282.2019, 210.7871

■ 12.5232, 16.7353,
6.1772

■ 42.9664, 53.0844,
28.9284

■ 7.1758, 10.0460,
2.8826

■ 59.1323, 71.9090,
42.1964

■ 3.6196, 5.4294,
1.0350

■ 78.9161, 94.7285,
59.0041

■ 1.4893, 2.5014,
0.0000

■ 102.6834,
121.9272, 79.7700

■ 0.3185, 0.8773,
0.0000

■ 130.7994,
153.8895, 104.9127

■ 0.0000, 0.0000,
0.0000

163.6294,

190.9997, 134.8508

201.5388,
233.6424, 170.0027

■ 20.0272, 25.8819,
11.3373

■ 20.0272, 25.8819,
11.3373

■ 18.7803, 25.2954,
8.7733

■ 21.4406, 26.5420,
14.5363

■ 17.6894, 24.7755,
6.8002

■ 23.0268, 27.2757,
18.4072

■ 16.7450, 24.3194,
5.3708


■ 24.7938, 28.0871,
22.9860


■ 15.9362, 23.9224,
4.4301


■ 26.7485, 28.9791,
28.3058


■ 15.2454, 23.5775,
3.8910


■ 28.8976, 29.9544,
34.3973

 15.0268, 23.4680,
3.7378

 31.2472, 31.0155,
41.2899

 33.8032, 32.1649,
49.0110

 36.5713, 33.4050,
57.5871

 39.5569, 34.7379,
67.0434

Harmonies

Analogous

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



24.2312, 25.8819, 9.2767



20.0272, 25.8819, 11.3373



17.3577, 25.8819, 17.6824

Triad

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



20.0272, 25.8819, 11.3373



20.5921, 25.8819, 58.3188



34.9152, 25.8819, 27.1329

Complementary

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



20.0272, 25.8819, 11.3373



13.9681, 10.7341, 29.3542

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.



33.6195, 25.8819, 42.1805



20.0272, 25.8819, 11.3373



24.9724, 25.8819, 63.2850

Square

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



20.0272, 25.8819, 11.3373



17.6531, 25.8819, 44.6319



29.8207, 25.8819, 56.6121



33.1652, 25.8819, 16.3690

Rectangle

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



20.0272, 25.8819, 11.3373



16.6045, 25.8819, 24.8249



29.8207, 25.8819, 56.6121



34.8213, 25.8819, 31.8267

Sweetspot

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



20.0278, 25.8830, 11.3379



44.5227, 49.9113, 42.6345



18.6056, 16.8224, 9.6639



10.0133, 11.3250, 9.3306



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.0278, 25.8830, 11.3379



33.0333, 44.5818, 15.2825



16.0455, 23.8301, 11.1515



6.0558, 6.6366, 6.2023



12.8655, 20.0603, 3.1939



0.1903, 0.2624, 0.0406

Inverse Universe

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



13.9681, 10.7341, 29.3542



20.9998, 14.4599, 51.1188



18.7564, 13.2025, 29.5782



5.6937, 5.7331, 7.2762



5.9764, 2.5535, 24.1089



0.1040, 0.0472, 0.2965

Previews

White Background



This preview shows how the XYZ color 20.0272, 25.8819, 11.3373 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 20.0272, 25.8819, 11.3373 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 20.0272, 25.8819, 11.3373

Background



This preview shows how black text looks on a background with the XYZ color 20.0272, 25.8819, 11.3373.



This preview shows how white text looks on a background with the XYZ color 20.0272, 25.8819,

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

20.0272, 25.8819, 11.3373

Protanopia

23.6740, 25.7593, 10.5618

Deuteranopia

26.3110, 25.8346, 11.7834



Tritanopia

24.4797, 25.8961, 32.9864

Trichromacy



Original Color

20.0272, 25.8819, 11.3373

Protanomaly

22.1679, 25.6326, 10.8004

Deuteranomaly

23.5604, 25.4616, 11.6555

Tritanomaly

22.4262, 25.7148, 23.1835

Monochromacy



Original Color

20.0272, 25.8819, 11.3373

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.9712, 23.9584, 19.1419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0272, 25.8819, 11.3373 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(122, 148, 79)` looks like.

```
.text, #text, p{  
    color:rgb(122, 148, 79)  
}
```

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(122, 148, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 148, 79) }
```

Border

The CSS property to change the border of an element to XYZ 20.0272, 25.8819, 11.3373 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(122, 148, 79) }
```


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

```
.border{ border-color:rgb(122, 148, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 148, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 148, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 148, 79);  
box-shadow:4px 4px 4px 4px rgb(122, 148,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0272, 25.8819, 11.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 148, 79) }
```

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

```
.background{ background-color: rgb(122,  
148, 79) }
```

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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