

Converting Colors

XYZ(20.3964, 29.0291, 11.1848)

Have a look what the booklet for
XYZ(20.3964, 29.0291, 11.1848)
contains.

XYZ(20.3964, 29.0291, 11.1848)	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(20.3964, 29.0291,
11.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA04B
RGB	111, 160, 75
RGB Percent	44%, 63%, 29%
CMY	0.5647, 0.3725, 0.7059
CMYK	0.31, 0.00, 0.53, 0.37
HSL	95°, 36%, 46%
HSV	95°, 53%, 63%
XYZ	20.3964, 29.0291, 11.1848
YIQ	135.6590, -1.9190, -36.8230

Conversions

Conversions Part 2

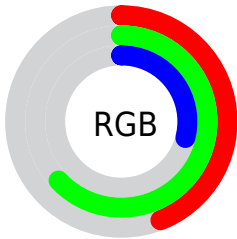
Format	Color
RYB	75, 160, 124
Decimal	7315531
CIELab	60.81, -31.72, 38.76
CIELCh	61, 50.084, 129.295
Yxy	29.0291, 0.3365, 0.4789
Android (android.graphics.Color)	4285505611 (0xFF6FA04B)
YUV	135.6590, -29.9049, -21.6259
Hunter-Lab	53.8787, -26.7144, 25.4069

Details

The XYZ color **20.3964, 29.0291, 11.1848** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.1746, 11.8561, 34.6425**, and the grayscale version is **23.3836, 24.6014, 26.7909**.

A 20% lighter version of the original color is **43.5834, 58.1066, 28.6573**, and **7.3417, 11.7251, 2.7959** is the 20% darker color. If you saturate the color by 10%, you get **18.8151, 28.2703, 8.6030**, and if you desaturate by 10%, it is **22.2368, 29.9073, 14.4988**.

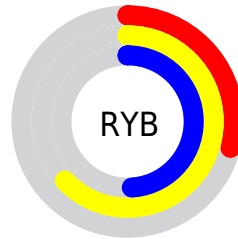
Distribution



Red (44%)

Green (63%)

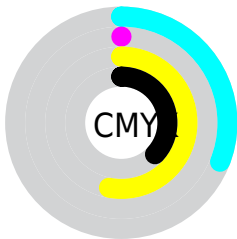
Blue (29%)



Red (29%)

Yellow (63%)

Blue (49%)

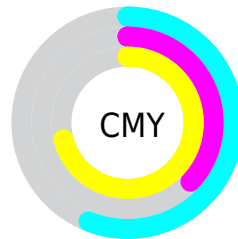


Cyan (31%)

Magenta (0%)

Yellow (53%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3964, 29.0291, 11.1848 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 20.3964, 29.0291, 11.1848 by changing the saturation by 10% instead.

■ 20.3964, 29.0291,
11.1848

■ 20.3964, 29.0291,
11.1848

246.8459,
297.3522, 209.7138

■ 12.7935, 19.1028,
6.0755

■ 43.5797, 58.1233,
28.6432

■ 7.3625, 11.7446,
2.8215

■ 59.8907, 78.0601,
41.8295

■ 3.7382, 6.5700,
1.0042

■ 79.8352, 102.1024,
58.5452

■ 1.5551, 3.1947,
0.0000

■ 103.7784,
130.6348, 79.2088

■ 0.3629, 1.2342,
0.0000

■ 132.0857,
164.0416, 104.2390

■ 0.0000, 0.0894,
0.0000

165.1225,

■ 0.0000, 0.0000,

202.7071, 134.0541

0.0000

203.2541,
247.0159, 169.0729

■ 20.3964, 29.0291,
11.1848

■ 20.3964, 29.0291,
11.1848

■ 18.8151, 28.2703,
8.6030

■ 22.2368, 29.9073,
14.4988

■ 17.4765, 27.6211,
6.6960

■ 24.3470, 30.9067,
18.5932

■ 16.3656, 27.0759,
5.4006

■ 26.7397, 32.0338,
23.5138

■ 15.4639, 26.6269,
4.6411

■ 29.4260, 33.2933,
29.3029

■ 14.9387, 26.3632,
4.3013

■ 32.4164, 34.6898,
35.9994

■ 35.7209, 36.2276,
43.6402

■ 39.3489, 37.9108,
52.2600

■ 43.3093, 39.7435,
61.8917

■ 47.6110, 41.7292,
72.5668

Harmonies

Analogous

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



25.6177, 29.0291, 7.7823



20.3964, 29.0291, 11.1848



17.4573, 29.0291, 20.5484

Triad

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



20.3964, 29.0291, 11.1848



23.3966, 29.0291, 78.4211



41.8857, 29.0291, 26.1619

Complementary

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



20.3964, 29.0291, 11.1848



17.1746, 11.8561, 34.6425

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.



41.0403, 29.0291, 46.0579



20.3964, 29.0291, 11.1848



29.6637, 29.0291, 81.8518

Square

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



20.3964, 29.0291, 11.1848



18.9908, 29.0291, 60.1943



36.3058, 29.0291, 68.2769



38.4608, 29.0291, 13.9013

Rectangle

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



20.3964, 29.0291, 11.1848



16.8687, 29.0291, 31.1687



36.3058, 29.0291, 68.2769



42.1020, 29.0291, 32.0509

Sweetspot

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



20.3971, 29.0304, 11.1854



51.8148, 59.6936, 49.6809



22.8720, 22.1900, 9.7347



11.1572, 12.9949, 10.4492



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.



20.3971, 29.0304, 11.1854



33.6125, 51.0634, 14.7909



16.9461, 27.2279, 12.0821



6.8037, 7.5315, 7.0808



11.6849, 20.5605, 3.3527



0.2562, 0.3920, 0.0622

Inverse Universe

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



17.1746, 11.8561, 34.6425



27.0844, 16.3946, 62.1235



22.8749, 14.8507, 32.3799



6.6325, 6.6145, 8.3338



8.4507, 3.7855, 26.1925



0.1988, 0.0923, 0.4706

Previews

White Background



This preview shows how the XYZ color 20.3964, 29.0291, 11.1848 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 20.3964, 29.0291, 11.1848 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 20.3964, 29.0291, 11.1848

Background



This preview shows how black text looks on a background with the XYZ color 20.3964, 29.0291, 11.1848.



This preview shows how white text looks on a background with the XYZ color 20.3964, 29.0291,

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

20.3964, 29.0291, 11.1848

Protanopia

26.3165, 28.6941, 10.1127

Deuteranopia

29.2710, 28.6281, 11.5725



Tritanopia

25.9896, 29.0626, 38.8902

Trichromacy



Original Color

20.3964, 29.0291, 11.1848

Protanomaly

23.5640, 28.4407, 10.3785

Deuteranomaly

25.1353, 28.2875, 11.3430

Tritanomaly

23.2601, 28.6718, 25.7810

Monochromacy



Original Color

20.3964, 29.0291, 11.1848

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.9151, 25.9777, 19.7787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3964, 29.0291, 11.1848 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(111, 160, 75)` looks like.

```
.text, #text, p{  
    color:rgb(111, 160, 75)  
}
```

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(111, 160, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 160, 75) }
```

Border

The CSS property to change the border of an element to XYZ 20.3964, 29.0291, 11.1848 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(111, 160, 75) }
```


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

```
.border{ border-color:rgb(111, 160, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 160, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 160, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 160, 75);  
box-shadow:4px 4px 4px 4px rgb(111, 160,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3964, 29.0291, 11.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 160, 75) }
```

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

```
.background{ background-color: rgb(111,  
160, 75) }
```

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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