

Converting Colors

XYZ(20.6984, 14.6994, 2.8886)

Have a look what the booklet for
XYZ(20.6984, 14.6994, 2.8886)
contains.

XYZ(20.6254, 14.6514, 2.9033)	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(20.6254, 14.6514,
2.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4E1D
RGB	175, 78, 29
RGB Percent	69%, 31%, 11%
CMY	0.3137, 0.6941, 0.8863
CMYK	0.00, 0.55, 0.83, 0.31
HSL	20°, 72%, 40%
HSV	20°, 83%, 69%
XYZ	20.6254, 14.6514, 2.9033
YIQ	101.4170, 73.5410, 5.3250

Conversions

Conversions Part 2

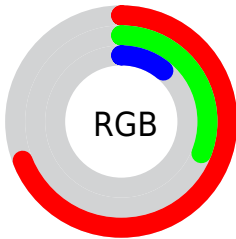
Format	Color
R_{YB}	175, 103, 29
Decimal	11488797
CIE Lab	45.15, 36.87, 45.69
CIE LCh	45, 58.709, 51.093
Yxy	14.6514, 0.5402, 0.3837
Android (android.graphics.Color)	4289678877 (0xFFAF4E1D)
YUV	101.4170, -35.7016, 64.5323
Hunter-Lab	38.2771, 29.1986, 22.2969

Details

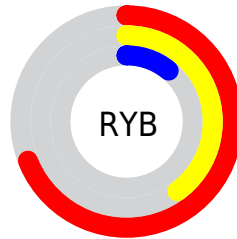
The XYZ color **20.6254, 14.6514, 2.9033** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.7049, 18.2770, 43.2574**, and the grayscale version is **12.5544, 13.2082, 14.3837**.

A 20% lighter version of the original color is **43.7819, 34.0692, 11.2896**, and **7.6177, 4.5435, 0.4755** is the 20% darker color. If you saturate the color by 10%, you get **19.7130, 13.0802, 1.8178**, and if you desaturate by 10%, it is **21.8074, 16.5655, 4.6850**.

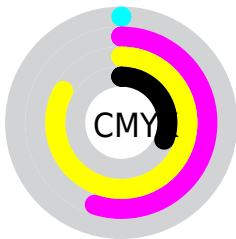
Distribution



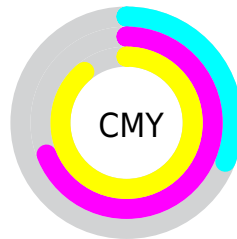
- Red (69%)
- Green (31%)
- Blue (11%)



- Red (69%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.6254, 14.6514, 2.9033 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 20.6254, 14.6514, 2.9033 by changing the saturation by 10% instead.


 20.6254, 14.6514,
2.9033


 20.6254, 14.6514,
2.9033


248.0505,
221.2464, 135.1193


 12.9614, 8.5751,
1.0455


 43.9592, 34.2405,
11.3889


 7.4788, 4.4651,
0.0000


 60.3598, 48.5220,
18.8537


 3.8122, 1.9370,
0.0000

 80.4031, 66.3074,
29.0246

 1.5965, 0.5705,
0.0000

 104.4547, 87.9811,
42.3202

 0.3901, 0.0000,
0.0000

 132.8799,
113.9275, 59.1589

 0.0000, 0.0000,
0.0000

 166.0440,

144.5309, 79.9593

204.3125,
180.1757, 105.1399

20.6254, 14.6514,
2.9033

20.6254, 14.6514,
2.9033

19.7130, 13.0802,
1.8178

21.8074, 16.5655,
4.6850

19.2297, 12.2151,
1.3442

23.2834, 18.8416,
7.2603

25.0754, 21.4999,
10.7118

27.2031, 24.5583,
15.1112

29.6841, 28.0333,
20.5227

■ 32.5350, 31.9405,
27.0050

■ 35.7709, 36.2947,
34.6123

■ 39.4064, 41.1099,
43.3947

■ 43.4549, 46.3994,
53.3998

Harmonies

Analogous

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



24.5363, 14.6514, 8.1558



20.6254, 14.6514, 2.9033



15.4166, 14.6514, 1.4526

Triad

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



20.6254, 14.6514, 2.9033



6.6074, 14.6514, 12.1724



17.5501, 14.6514, 55.9698

Complementary

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



20.6254, 14.6514, 2.9033



15.7049, 18.2770, 43.2574

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.



12.5342, 14.6514, 59.4191



20.6254, 14.6514, 2.9033



6.9233, 14.6514, 27.5937

Square

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



20.6254, 14.6514, 2.9033



7.8673, 14.6514, 4.3868



8.8610, 14.6514, 46.9735



22.4941, 14.6514, 39.2253

Rectangle

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



20.6254, 14.6514, 2.9033



12.2110, 14.6514, 1.4887



8.8610, 14.6514, 46.9735



15.7939, 14.6514, 58.9959

Sweetspot

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



20.6257, 14.6522, 2.9035



57.1914, 55.7387, 45.8800



21.9060, 11.5077, 20.9184



12.3141, 11.8454, 9.2899



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



20.6257, 14.6522, 2.9035



34.2593, 21.5159, 2.3473



28.9140, 31.2287, 5.6663



8.2167, 8.4383, 8.4090



13.8227, 8.8509, 0.9799



0.4358, 0.3488, 0.0444

Inverse Universe

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



15.7049, 18.2770, 43.2574



24.8886, 27.6040, 76.6532



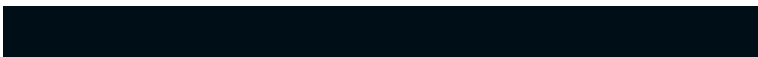
9.5330, 5.9332, 41.2001



8.0065, 8.6123, 10.1930



10.0939, 11.3216, 30.6978



0.3285, 0.4103, 0.8699

Previews

White Background



This preview shows how the XYZ color 20.6254, 14.6514, 2.9033 looks on a white 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

Black Background



This preview shows how the XYZ color 20.6254, 14.6514, 2.9033 looks on a black 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

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

XYZ 20.6254, 14.6514, 2.9033

Background



This preview shows how black text looks on a background with the XYZ color 20.6254, 14.6514, 2.9033.



This preview shows how white text looks on a background with the XYZ color 20.6254, 14.6514,

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

20.6254, 14.6514, 2.9033

Protanopia

13.4422, 14.8518, 3.9085

Deuteranopia

15.0139, 14.7807, 2.6339



Tritanopia

21.8892, 14.6623, 8.8841

Trichromacy



Original Color

20.6254, 14.6514, 2.9033

Protanomaly

15.3786, 14.2403, 3.4515

Deuteranomaly

16.6368, 14.3707, 2.6560

Tritanomaly

21.2362, 14.5885, 5.9716

Monochromacy



Original Color

20.6254, 14.6514, 2.9033

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

14.0864, 12.9259, 8.4091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6254, 14.6514, 2.9033 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(175, 78, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 78, 29)  
}
```

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(175, 78, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 78, 29) }
```

Border

The CSS property to change the border of an element to XYZ 20.6254, 14.6514, 2.9033 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(175, 78, 29) }
```


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

```
.border{ border-color:rgb(175, 78, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 78, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 78, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 78, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 78,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6254, 14.6514, 2.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 78, 29) }
```

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

```
.background{ background-color: rgb(175, 78,  
29) }
```

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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