

Converting Colors

XYZ(20.9584, 13.2814, 1.4589)

Have a look what the booklet for
XYZ(20.9584, 13.2814, 1.4589)
contains.

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Color

**XYZ(20.9601, 13.2826,
1.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	B63D00
RGB	182, 61, 0
RGB Percent	71%, 24%, 0%
CMY	0.2863, 0.7608, 1.0000
CMYK	0.00, 0.66, 1.00, 0.29
HSL	20°, 100%, 36%
HSV	20°, 100%, 71%
XYZ	20.9601, 13.2826, 1.4591
YIQ	90.2250, 91.6970, 6.6810

Conversions

Conversions Part 2

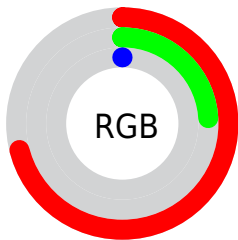
Format	Color
R _Y B	182, 92, 0
Decimal	11943168
CIE Lab	43.19, 46.97, 54.54
CIE LCh	43, 71.976, 49.266
Yxy	13.2826, 0.5871, 0.3720
Android (android.graphics.Color)	4290133248 (0xFFB63D00)
YUV	90.2250, -44.4809, 80.4867
Hunter-Lab	36.4453, 38.8781, 23.1380

Details

The XYZ color **20.9601, 13.2826, 1.4591** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.2800, 17.0505, 46.7411**, and the grayscale version is **9.8521, 10.3651, 11.2876**.

A 20% lighter version of the original color is **44.3873, 31.7326, 7.5269**, and **7.7457, 3.9931, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **20.9603, 13.2832, 1.4592**, and if you desaturate by 10%, it is **21.7917, 14.7686, 2.2831**.

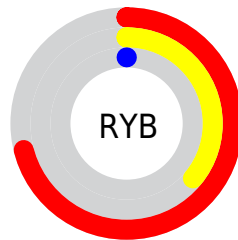
Distribution



Red (71%)

Green (24%)

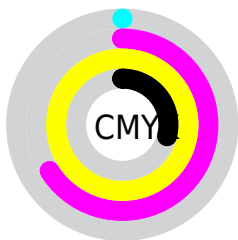
Blue (0%)



Red (71%)

Yellow (36%)

Blue (0%)

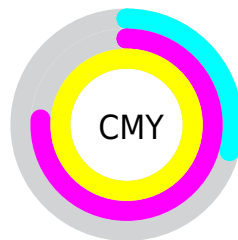


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9601, 13.2826, 1.4591 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 20.9601, 13.2826, 1.4591 by changing the saturation by 10% instead.


 20.9601, 13.2826,
1.4591


 20.9601, 13.2826,
1.4591


 249.8021,
212.7210, 113.3145


 13.2071, 7.6234,
0.1872


 44.5129, 31.8106,
7.5009


 7.6493, 3.8550,
0.0000


 61.0434, 45.4481,
13.2980

 3.9213, 1.5928,
0.0000

 81.2305, 62.5140,
21.5039

 1.6577, 0.3527,
0.0000

 105.4396, 83.3925,
32.5371

 0.4296, 0.0000,
0.0000


 134.0359,
108.4680, 46.8163


 0.0000, 0.0000,
0.0000


 167.3849,


138.1250, 64.7598


 205.8518,
172.7479, 86.7864


 20.9601, 13.2826,
1.4591


 20.9601, 13.2826,
1.4591


 20.9603, 13.2832,
1.4592

 21.7917, 14.7686,
2.2831

 22.8806, 16.6045,
3.7006

 24.2743, 18.8231,
5.9185

 25.9992, 21.4474,
9.0385

 28.0785, 24.4981,
13.1468

■ 30.5329, 27.9944,
18.3194

■ 33.3814, 31.9542,
24.6248

■ 36.6418, 36.3943,
32.1258

■ 40.3305, 41.3308,
40.8804

Harmonies

Analogous

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



25.6370, 13.2826, 6.5326



20.9601, 13.2826, 1.4591



14.7213, 13.2826, 0.2616

Triad

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



20.9601, 13.2826, 1.4591



4.7674, 13.2826, 9.4788



16.4889, 13.2826, 66.8560

Complementary

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



20.9601, 13.2826, 1.4591



15.2800, 17.0505, 46.7411

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.



10.7373, 13.2826, 70.1798



20.9601, 13.2826, 1.4591



4.9856, 13.2826, 27.0925

Square

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



20.9601, 13.2826, 1.4591



6.1354, 13.2826, 2.2740



6.8568, 13.2826, 52.2539



22.5762, 13.2826, 45.0338

Rectangle

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



20.9601, 13.2826, 1.4591



10.9811, 13.2826, 0.2392



6.8568, 13.2826, 52.2539



14.4247, 13.2826, 70.5706

Sweetspot

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



20.9604, 13.2834, 1.4593



60.2402, 57.5470, 44.0115



22.7629, 11.3337, 19.1845



12.8094, 12.0247, 8.6124



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



20.9604, 13.2834, 1.4593



37.8069, 23.6938, 2.5807



30.4653, 32.2933, 4.6276



9.2440, 9.4910, 9.4516



14.8577, 9.4917, 1.0490



0.5823, 0.4517, 0.0565

Inverse Universe

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



15.2800, 17.0505, 46.7411



27.4763, 30.4599, 84.6669



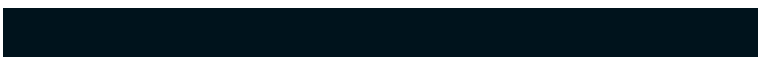
8.9162, 4.3230, 44.6199



9.0062, 9.6897, 11.4751



10.8537, 12.1672, 33.0295



0.4372, 0.5380, 1.1825

Previews

White Background



This preview shows how the XYZ color 20.9601, 13.2826, 1.4591 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 20.9601, 13.2826, 1.4591 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 20.9601, 13.2826, 1.4591

Background



This preview shows how black text looks on a background with the XYZ color 20.9601, 13.2826, 1.4591.



This preview shows how white text looks on a background with the XYZ color 20.9601, 13.2826,

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

20.9601, 13.2826, 1.4591

Protanopia

12.1703, 13.4605, 2.5728

Deuteranopia

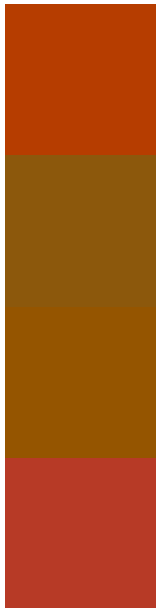
13.5736, 13.4812, 1.8867



Tritanopia

21.8072, 13.3198, 5.6966

Trichromacy



Original Color

20.9601, 13.2826, 1.4591

Protanomaly

14.3713, 12.5814, 2.0188

Deuteranomaly

15.6429, 12.8866, 1.6629

Tritanomaly

21.3913, 13.2333, 3.2606

Monochromacy



Original Color

20.9601, 13.2826, 1.4591

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.7029, 10.0983, 5.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9601, 13.2826, 1.4591 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(182, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 61, 0)  
}
```

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(182, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 61, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.9601, 13.2826, 1.4591 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(182, 61, 0) }
```


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

```
.border{ border-color:rgb(182, 61, 0) }
```

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

Here you see how a box with a 4 pixel rgb(182, 61, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 61, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 20.9601, 13.2826, 1.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 61, 0) }
```

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

```
.background{ background-color: rgb(182, 61,  
0) }
```

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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