

Converting Colors

XYZ(18.5027, 13.1601, 2.1810)

Have a look what the booklet for
XYZ(18.5027, 13.1601, 2.1810)
contains.

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Color

**XYZ(18.5027, 13.1601,
2.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	A74A13
RGB	167, 74, 19
RGB Percent	65%, 29%, 7%
CMY	0.3451, 0.7098, 0.9255
CMYK	0.00, 0.56, 0.89, 0.35
HSL	22°, 80%, 36%
HSV	22°, 89%, 65%
XYZ	18.5027, 13.1601, 2.1810
YIQ	95.5370, 73.0830, 2.6110

Conversions

Conversions Part 2

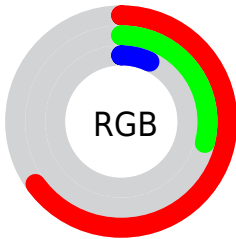
Format	Color
R_{YB}	167, 107, 19
Decimal	10963475
CIE _{Lab}	43.00, 35.45, 47.41
CIE _{LCh}	43, 59.204, 53.212
Yxy	13.1601, 0.5467, 0.3888
Android (android.graphics.Color)	4289153555 (0xFFA74A13)
YUV	95.5370, -37.7327, 62.6731
Hunter-Lab	36.2769, 27.5579, 21.8292

Details

The XYZ color **18.5027, 13.1601, 2.1810** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.0371, 14.5156, 38.6736**, and the grayscale version is **11.0826, 11.6597, 12.6975**.

A 20% lighter version of the original color is **40.4027, 31.5909, 9.5984**, and **6.5110, 3.8414, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **17.7549, 11.8326, 1.4142**, and if you desaturate by 10%, it is **19.4594, 14.7594, 3.4685**.

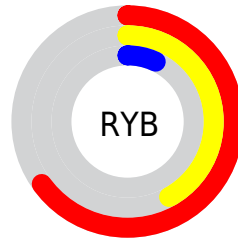
Distribution



Red (65%)

Green (29%)

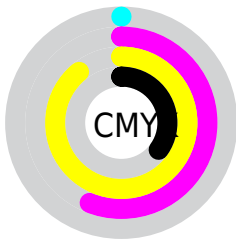
Blue (7%)



Red (65%)

Yellow (42%)

Blue (7%)

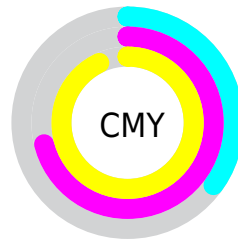


Cyan (0%)

Magenta (56%)

Yellow (89%)

Black (35%)



Cyan (35%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5027, 13.1601, 2.1810 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 18.5027, 13.1601, 2.1810 by changing the saturation by 10% instead.

■ 18.5027, 13.1601,
2.1810

■ 18.5027, 13.1601,
2.1810

236.6806,
211.9412, 125.1269

■ 11.4134, 7.5389,
0.6634

■ 40.4155, 31.5911,
9.5300

■ 6.4149, 3.8013,
0.0000

■ 55.9696, 45.1697,
16.2286

■ 3.1420, 1.5631,
0.0000

■ 75.0761, 62.1695,
25.5015

■ 1.2293, 0.3325,
0.0000

■ 98.1002, 82.9750,
37.7670


■ 0.1293, 0.0000,
0.0000


■ 125.4074,
107.9705, 53.4437


■ 0.0000, 0.0000,
0.0000


■ 157.3629,


137.5404, 72.9503


 194.3322,
172.0692, 96.7052


 18.5027, 13.1601,
2.1810


 18.5027, 13.1601,
2.1810


 17.7549, 11.8326,
1.4142


 19.4594, 14.7594,
3.4685

 17.6625, 11.6680,
1.3212

 20.6567, 16.6501,
5.4214

 22.1148, 18.8488,
8.1193

 23.8509, 21.3701,
11.6298

 25.8808, 24.2275,
16.0133

■ 28.2189, 27.4337,
21.3240

■ 30.8783, 31.0006,
27.6118

■ 33.8718, 34.9396,
34.9231

■ 37.2109, 39.2613,
43.3012

Harmonies

Analogous

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



22.3767, 13.1601, 6.5577



18.5027, 13.1601, 2.1810



13.5695, 13.1601, 1.0777

Triad

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



18.5027, 13.1601, 2.1810



5.6847, 13.1601, 11.5708



16.2767, 13.1601, 51.8119

Complementary

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



18.5027, 13.1601, 2.1810



13.0371, 14.5156, 38.6736

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.



11.5039, 13.1601, 56.2928



18.5027, 13.1601, 2.1810



6.0751, 13.1601, 26.6239

Square

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



18.5027, 13.1601, 2.1810



6.7357, 13.1601, 3.9621



7.9724, 13.1601, 45.1533



20.8893, 13.1601, 35.1391

Rectangle

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



18.5027, 13.1601, 2.1810



10.6161, 13.1601, 1.1667



7.9724, 13.1601, 45.1533



14.6129, 13.1601, 55.0895

Sweetspot

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



18.5030, 13.1608, 2.1812



51.0490, 49.8235, 39.3768



19.1348, 9.8675, 16.4403



11.0992, 10.7090, 8.0603



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.5030, 13.1608, 2.1812



31.4506, 20.5327, 2.3056



26.5290, 29.2128, 4.8566



7.7510, 7.9820, 7.9214



13.5594, 9.0160, 1.0256



0.3790, 0.3175, 0.0413

Inverse Universe

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



13.0371, 14.5156, 38.6736



21.3232, 22.6594, 68.7251



7.9604, 4.3621, 36.9814



7.5097, 8.0563, 9.5776



9.2457, 9.9516, 29.4090



0.2715, 0.3352, 0.7310

Previews

White Background



This preview shows how the XYZ color 18.5027, 13.1601, 2.1810 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 18.5027, 13.1601, 2.1810 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 18.5027, 13.1601, 2.1810

Background



This preview shows how black text looks on a background with the XYZ color 18.5027, 13.1601, 2.1810.



This preview shows how white text looks on a background with the XYZ color 18.5027, 13.1601,

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

18.5027, 13.1601, 2.1810

Protanopia

12.1069, 13.4199, 2.9295

Deuteranopia

13.3280, 13.2165, 1.8486



Tritanopia

19.7263, 13.1857, 7.9840

Trichromacy



Original Color

18.5027, 13.1601, 2.1810

Protanomaly

13.8133, 12.7845, 2.5502

Deuteranomaly

14.9384, 12.9997, 1.9229

Tritanomaly

19.0675, 13.0976, 5.0132

Monochromacy



Original Color

18.5027, 13.1601, 2.1810

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.5592, 11.5344, 7.0333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5027, 13.1601, 2.1810 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(167, 74, 19)` looks like.

```
.text, #text, p{  
    color:rgb(167, 74, 19)  
}
```

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(167, 74, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 74, 19) }
```

Border

The CSS property to change the border of an element to XYZ 18.5027, 13.1601, 2.1810 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(167, 74, 19) }
```


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

```
.border{ border-color:rgb(167, 74, 19) }
```

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

Here you see how a box with a 4 pixel rgb(167, 74, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 74, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 74, 19);  
box-shadow:4px 4px 4px 4px rgb(167, 74,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5027, 13.1601, 2.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 74, 19) }
```

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

```
.background{ background-color: rgb(167, 74,  
19) }
```

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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