

Converting Colors

XYZ(18.2699, 20.5180, 3.0968)

Have a look what the booklet for
XYZ(18.2699, 20.5180, 3.0968)
contains.

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Color

**XYZ(18.2925, 20.5037,
3.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7E03
RGB	140, 126, 3
RGB Percent	55%, 49%, 1%
CMY	0.4510, 0.5059, 0.9882
CMYK	0.00, 0.10, 0.98, 0.45
HSL	54°, 96%, 28%
HSV	54°, 98%, 55%
XYZ	18.2925, 20.5037, 3.0796
YIQ	116.1640, 47.8270, -35.2850

Conversions

Conversions Part 2

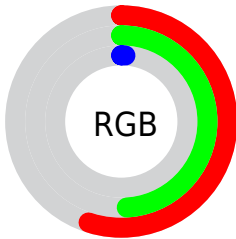
Format	Color
R_{YB}	19, 140, 3
Decimal	9207299
CIE Lab	52.40, -6.16, 57.00
CIE LCh	52, 57.330, 96.166
Yxy	20.5037, 0.4368, 0.4896
Android (android.graphics.Color)	4287397379 (0xFF8C7E03)
YUV	116.1640, -55.7899, 20.9042
Hunter-Lab	45.2810, -7.1318, 27.6643

Details

The XYZ color **18.2925, 20.5037, 3.0796** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.9717, 2.3138, 24.9954**, and the grayscale version is **16.8072, 17.6824, 19.2562**.

A 20% lighter version of the original color is **39.9897, 44.1285, 11.8788**, and **6.4916, 7.2862, 1.0642** is the 20% darker color. If you saturate the color by 10%, you get **18.2373, 20.4196, 2.9802**, and if you desaturate by 10%, it is **18.5619, 20.9070, 3.5877**.

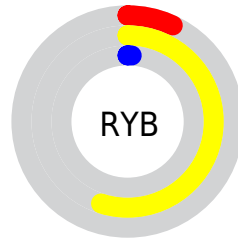
Distribution



Red (55%)

Green (49%)

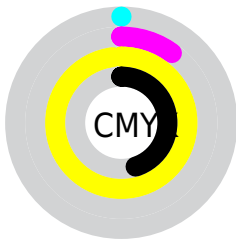
Blue (1%)



Red (7%)

Yellow (55%)

Blue (1%)

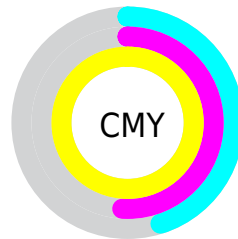


Cyan (0%)

Magenta (10%)

Yellow (98%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2925, 20.5037, 3.0796 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 18.2925, 20.5037, 3.0796 by changing the saturation by 10% instead.

■ 18.2925, 20.5037,
3.0796

■ 18.2925, 20.5037,
3.0796

■ 235.5284,
254.6290, 137.3681

■ 11.2611, 12.7617,
1.1354

■ 40.0613, 44.2601,
11.8242

■ 6.3114, 7.2647,
0.0000

■ 55.5295, 61.0433,
19.4618

■ 3.0778, 3.6282,
0.0000

■ 74.5406, 81.6090,
29.8342

■ 1.1950, 1.4678,
0.0000

■ 97.4601, 106.3416,
43.3600


■ 0.1024, 0.2659,
0.0000


■ 124.6532,
135.6255, 60.4577


■ 0.0000, 0.0000,
0.0000


■ 156.4854,


169.8451, 81.5460


 193.3220,
209.3848, 107.0432


 18.2925, 20.5037,
3.0796


 18.2925, 20.5037,
3.0796


 18.2373, 20.4196,
2.9802

 18.5619, 20.9070,
3.5877

 18.8950, 21.3392,
4.4198

 19.3108, 21.8087,
5.6750

 19.8188, 22.3193,
7.4021

 20.4268, 22.8742,
9.6431

■ 21.1420, 23.4762,
12.4354

■ 21.9708, 24.1279,
15.8128

■ 22.9193, 24.8318,
19.8068

■ 23.9928, 25.5901,
24.4461

Harmonies

Analogous

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



24.4524, 20.5037, 3.8236



18.2925, 20.5037, 3.0796



13.5199, 20.5037, 5.0066

Triad

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



18.2925, 20.5037, 3.0796



11.6757, 20.5037, 47.5767



31.8461, 20.5037, 38.2351

Complementary

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



18.2925, 20.5037, 3.0796



4.9717, 2.3138, 24.9954

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.



26.9960, 20.5037, 60.2741



18.2925, 20.5037, 3.0796



15.2458, 20.5037, 67.3115

Square

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



18.2925, 20.5037, 3.0796



10.2299, 20.5037, 26.0076



20.7348, 20.5037, 72.8591



33.1164, 20.5037, 19.0077

Rectangle

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



18.2925, 20.5037, 3.0796



11.4882, 20.5037, 8.6610



20.7348, 20.5037, 72.8591



30.5385, 20.5037, 45.8024

Sweetspot

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



18.2930, 20.5047, 3.0800



38.4639, 42.3303, 26.7541



10.9652, 5.6877, 1.1355



8.7329, 9.6525, 5.6322



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.2930, 20.5047, 3.0800



32.0858, 35.8657, 5.2317



13.3705, 20.8123, 3.3988



5.3882, 5.7591, 5.3800



16.2130, 18.1603, 2.6508



0.1135, 0.1323, 0.0196

Inverse Universe

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



4.9717, 2.3138, 24.9954



8.5701, 3.7871, 44.0223



6.3705, 2.7857, 25.0127



4.8131, 4.9692, 6.3113



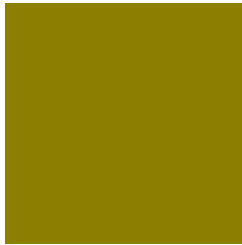
4.3571, 1.9844, 22.1991



0.0336, 0.0225, 0.1490

Previews

White Background



This preview shows how the XYZ color 18.2925, 20.5037, 3.0796 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 18.2925, 20.5037, 3.0796 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 18.2925, 20.5037, 3.0796

Background



This preview shows how black text looks on a background with the XYZ color 18.2925, 20.5037, 3.0796.



This preview shows how white text looks on a background with the XYZ color 18.2925, 20.5037,

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

18.2925, 20.5037, 3.0796

Protanopia

18.4563, 20.5888, 3.0587

Deuteranopia

20.7909, 20.5002, 3.3513



Tritanopia

22.1598, 20.4320, 22.5145

Trichromacy



Original Color

18.2925, 20.5037, 3.0796

Protanomaly

18.4563, 20.5888, 3.0587

Deuteranomaly

19.7824, 20.5225, 3.2352

Tritanomaly

19.7033, 19.9563, 10.5981

Monochromacy



Original Color

18.2925, 20.5037, 3.0796

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4439, 18.3009, 9.3224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2925, 20.5037, 3.0796 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(140, 126, 3)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 3)  
}
```

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(140, 126, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 3) }
```

Border

The CSS property to change the border of an element to XYZ 18.2925, 20.5037, 3.0796 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(140, 126, 3) }
```


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

```
.border{ border-color:rgb(140, 126, 3) }
```

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

Here you see how a box with a 4 pixel rgb(140, 126, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 3);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
3) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2925, 20.5037, 3.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 3) }
```

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

```
.background{ background-color: rgb(140,  
126, 3) }
```

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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