

Converting Colors

XYZ(10.2602, 9.2345, 1.9583)

Have a look what the booklet for
XYZ(10.2602, 9.2345, 1.9583)
contains.

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Color

**XYZ(10.2604, 9.2134,
1.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	764D15
RGB	118, 77, 21
RGB Percent	46%, 30%, 8%
CMY	0.5373, 0.6980, 0.9176
CMYK	0.00, 0.35, 0.82, 0.54
HSL	35°, 70%, 27%
HSV	35°, 82%, 46%
XYZ	10.2604, 9.2134, 1.9471
YIQ	82.8750, 42.4120, -8.7240

Conversions

Conversions Part 2

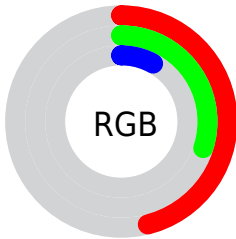
Format	Color
RYB	92, 118, 21
Decimal	7752981
CIELab	36.39, 12.25, 38.03
CIELCh	36, 39.954, 72.150
Yxy	9.2134, 0.4790, 0.4301
Android (android.graphics.Color)	4285943061 (0xFF764D15)
YUV	82.8750, -30.5044, 30.8046
Hunter-Lab	30.3536, 7.2195, 17.4442

Details

The XYZ color **10.2604, 9.2134, 1.9471** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.3019, 4.9126, 17.8081**, and the grayscale version is **8.2508, 8.6805, 9.4530**.

A 20% lighter version of the original color is **25.9906, 24.3501, 8.9604**, and **2.7238, 2.2115, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **9.8399, 8.5085, 1.3880**, and if you desaturate by 10%, it is **10.7595, 9.9934, 2.7862**.

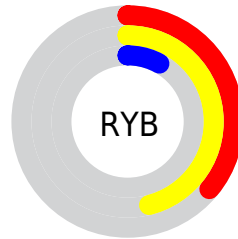
Distribution



Red (46%)

Green (30%)

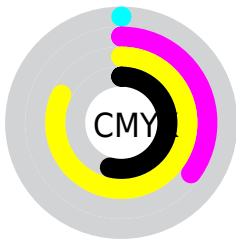
Blue (8%)



Red (36%)

Yellow (46%)

Blue (8%)

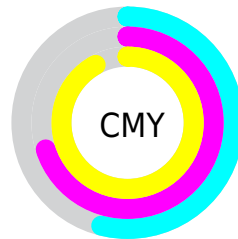


Cyan (0%)

Magenta (35%)

Yellow (82%)

Black (54%)



Cyan (54%)

Magenta (70%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2604, 9.2134, 1.9471 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 10.2604, 9.2134, 1.9471 by changing the saturation by 10% instead.

10.2604, 9.2134,
1.9471

10.2604, 9.2134,
1.9471

186.5357,
184.9620, 121.5499

5.6355, 4.8806,
0.5225

25.9294, 24.3051,
8.8957

2.6633, 2.1774,
0.0000

37.7043, 35.8328,
15.3207

0.9783, 0.7076,
0.0000

52.5931, 50.5276,
24.2710


0.0000, 0.0000,
0.0000


70.9614, 68.7739,
36.1651


93.1745, 90.9561,
51.4214


119.5976,

117.4586, 70.4587


 150.5962,
148.6657, 93.6953


 10.2604, 9.2134,
1.9471


 10.2604, 9.2134,
1.9471


 9.8399, 8.5085,
1.3880


 10.7595, 9.9934,
2.7862

 9.5459, 8.0010,
1.0412

 11.3436, 10.8507,
3.9392

 12.0189, 11.7892,
5.4353

 12.7910, 12.8119,
7.3001

 13.6646, 13.9216,
9.5569

■ 14.6444, 15.1210,
12.2268

■ 15.7344, 16.4124,
15.3297

■ 16.9387, 17.7983,
18.8840

■ 18.2610, 19.2809,
22.9070

Harmonies

Analogous

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



12.6747, 9.2134, 3.4880



10.2604, 9.2134, 1.9471



7.8148, 9.2134, 1.8345

Triad

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



10.2604, 9.2134, 1.9471



4.9538, 9.2134, 13.1025



12.2612, 9.2134, 23.4905

Complementary

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



10.2604, 9.2134, 1.9471



5.3019, 4.9126, 17.8081

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.



9.7722, 9.2134, 29.4828



10.2604, 9.2134, 1.9471



5.7434, 9.2134, 21.8786

Square

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



10.2604, 9.2134, 1.9471



5.0361, 9.2134, 6.4798



7.4082, 9.2134, 28.7855



13.9681, 9.2134, 14.6902

Rectangle

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



10.2604, 9.2134, 1.9471



6.5093, 9.2134, 2.4553



7.4082, 9.2134, 28.7855



11.4706, 9.2134, 26.0491

Sweetspot

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



10.2606, 9.2139, 1.9473



25.1390, 25.8484, 19.8086



8.6375, 4.7472, 5.1688



5.6710, 5.8098, 4.2574



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.2606, 9.2139, 1.9473



16.7160, 13.9172, 1.8492



13.2365, 16.4250, 3.1823



3.8431, 4.0192, 3.9155



10.3149, 8.6311, 1.1223



49.4040, 40.3365, 5.1818

Inverse Universe

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



5.3019, 4.9126, 17.8081



7.6909, 6.1538, 30.9194



4.0027, 2.0839, 17.3306



3.6160, 3.8207, 4.6371



4.7538, 3.8473, 19.0346



22.3548, 17.1261, 92.4877

Previews

White Background



This preview shows how the XYZ color 10.2604, 9.2134, 1.9471 looks on a white background.

Color Contrast Check

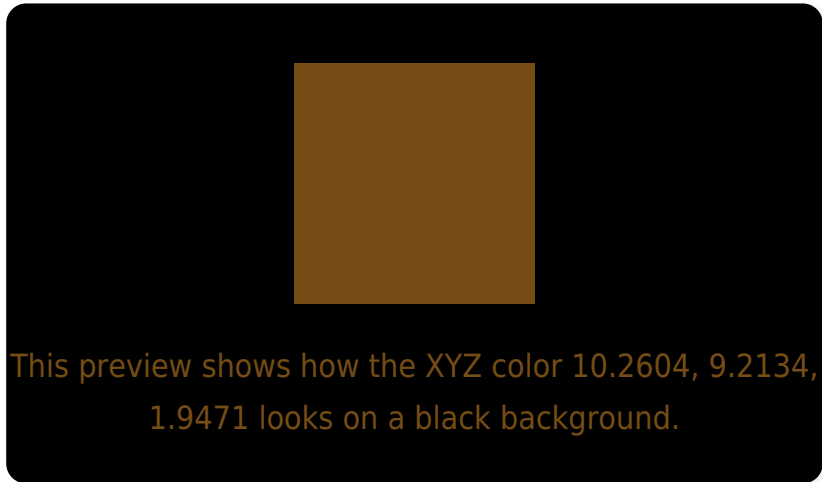
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.2604, 9.2134, 1.9471

Background



This preview shows how black text looks on a background with the XYZ color 10.2604, 9.2134, 1.9471.



This preview shows how white text looks on a background with the XYZ color 10.2604, 9.2134,

1.9471.

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

10.2604, 9.2134, 1.9471

Protanopia

8.4122, 9.2588, 2.1544

Deuteranopia

9.3192, 9.2697, 1.9142



Tritanopia

11.5421, 9.2355, 8.1955

Trichromacy



Original Color

10.2604, 9.2134, 1.9471

Protanomaly

9.0638, 9.2477, 2.0663

Deuteranomaly

9.6770, 9.2326, 1.9339

Tritanomaly

10.9330, 9.1860, 5.0677

Monochromacy



Original Color

10.2604, 9.2134, 1.9471

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.5819, 8.6979, 5.5015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2604, 9.2134, 1.9471 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(118, 77, 21)` looks like.

```
.text, #text, p{  
    color:rgb(118, 77, 21)  
}
```

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(118, 77, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 77, 21) }
```

Border

The CSS property to change the border of an element to XYZ 10.2604, 9.2134, 1.9471 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(118, 77, 21) }
```


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

```
.border{ border-color:rgb(118, 77, 21) }
```

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

Here you see how a box with a 4 pixel rgb(118, 77, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 77, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 77, 21);  
box-shadow:4px 4px 4px 4px rgb(118, 77,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2604, 9.2134, 1.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 77, 21) }
```

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

```
.background{ background-color: rgb(118, 77,  
21) }
```

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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