Converting Colors

XYZ(9.1658, 9.0668, 2.1311)

Have a look what the booklet for XYZ(9.1658, 9.0668, 2.1311) contains.

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Color

XYZ(9.1707, 9.0766, 2.1328)

Conversions

Conversions Part 1

Format	Color
Hex	6B5118
RGB	107, 81, 24
RGB Percent	42%, 32%, 9%
CMY	0.5804, 0.6823, 0.9059
CMYK	0.00, 0.24, 0.78, 0.58
HSL	41°, 63%, 26%
HSV	41°, 78%, 42%
XYZ	9.1707, 9.0766, 2.1328
YIQ	82.2760, 33.7930, -12.2150

Conversions

Conversions Part 2

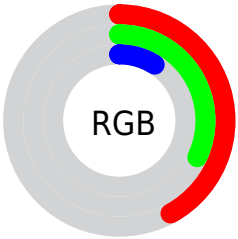
Format	Color
RYB	62, 107, 24
Decimal	7033112
CIELab	36.13, 4.62, 35.97
CIELCh	36, 36.265, 82.674
Yxy	9.0766, 0.4500, 0.4454
Android (android.graphics.Color)	4285223192 (0xFF6B5118)
YUV	82.2760, -28.7301, 21.6829
Hunter-Lab	30.1274, 1.6120, 16.8919

Details

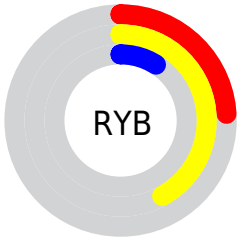
The XYZ color 9.1707, 9.0766, 2.1328 is a dark color, and the websafe version is hex 996633. A complement of this color would be 4.1711, 3.5369, 14.3726, and the grayscale version is 8.1270, 8.5502, 9.3112.

A 20% lighter version of the original color is 23.8179, 23.9973, 9.3378, and 2.2925, 2.1639, 0.2968 is the 20% darker color. If you saturate the color by 10%, you get 8.8377, 8.5550, 1.5766, and if you desaturate by 10%, it is 9.5602, 9.6412, 2.9241.

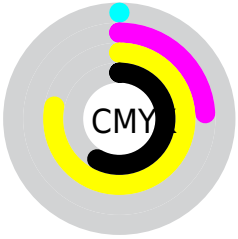
Distribution



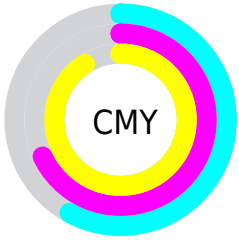
- Red (42%)
- Green (32%)
- Blue (9%)



- Red (24%)
- Yellow (42%)
- Blue (9%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.1707, 9.0766, 2.1328 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 9.1707, 9.0766, 2.1328 by changing the saturation by 10% instead.

9.1707, 9.0766, 2.1328

9.1707, 9.0766, 2.1328

178.8265, 183.9483, 124.4060

4.9107, 4.7912, 0.6352

23.8876, 24.0435, 9.4008

2.2292, 2.1253, 0.0000

35.0752, 35.4938, 16.0443

0.7580, 0.6788, 0.0000

49.3027, 50.1012, 25.2521

0.0000, 0.0000, 0.0000

66.9355, 68.2501, 37.4429

88.3389, 90.3249, 53.0351

113.8783,

116.7099, 72.4473

143.9191, 147.7896, 96.0981

9.1707, 9.0766, 2.1328

8.8377, 8.5550, 1.5766

8.5465, 8.0692, 1.1818

8.4779, 7.9548, 1.0886

9.1707, 9.0766, 2.1328

9.5602, 9.6412, 2.9241

10.0104, 10.2496, 3.9742

10.5257, 10.9043, 5.3045

11.1097, 11.6070, 6.9340

11.7660, 12.3593, 8.8800

12.4977, 13.1628, 11.1585

13.3079, 14.0189, 13.7844

14.1993, 14.9290, 16.7718

15.1745, 15.8944, 20.1337

Harmonies

Analogous

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

11.4156, 9.0766, 3.0960

9.1707, 9.0766, 2.1328

7.1150, 9.0766, 2.4443

Triad

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

9.1707, 9.0766, 2.1328

5.3184, 9.0766, 15.2486

12.3930, 9.0766, 19.0555

Complementary

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

9.1707, 9.0766, 2.1328

4.1711, 3.5369, 14.3726

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.

10.3394, 9.0766, 25.5400

9.1707, 9.0766, 2.1328

6.3341, 9.0766, 22.7737

Square

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

9.1707, 9.0766, 2.1328

5.1120, 9.0766, 8.4346

8.1053, 9.0766, 27.1290

13.4684, 9.0766, 11.4881

Rectangle

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

9.1707, 9.0766, 2.1328

6.0942, 9.0766, 3.4388

8.1053, 9.0766, 27.1290

11.7793, 9.0766, 21.5449

Sweetspot

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

9.1709, 9.0770, 2.1330

21.5659, 22.6839, 17.4271

6.9719, 4.0119, 3.4569

5.1328, 5.3939, 3.9499

54.2243, 57.0482, 62.1254

6.0569, 6.3724, 6.9395

Same Dimension

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

9.1709, 9.0770, 2.1330

15.4106, 14.6175, 2.2912

9.8146, 12.8454, 2.8264

3.2571, 3.4315, 3.3081

10.2863, 9.6223, 1.3151

51.6118, 47.4273, 6.4341

Inverse Universe

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

4.1711, 3.5369, 14.3726

6.0445, 4.3033, 25.4197

3.8255, 2.1505, 14.1233

3.0186, 3.1656, 3.8868

3.8821, 2.5985, 17.2192

19.0822, 11.8430, 87.5064

Previews

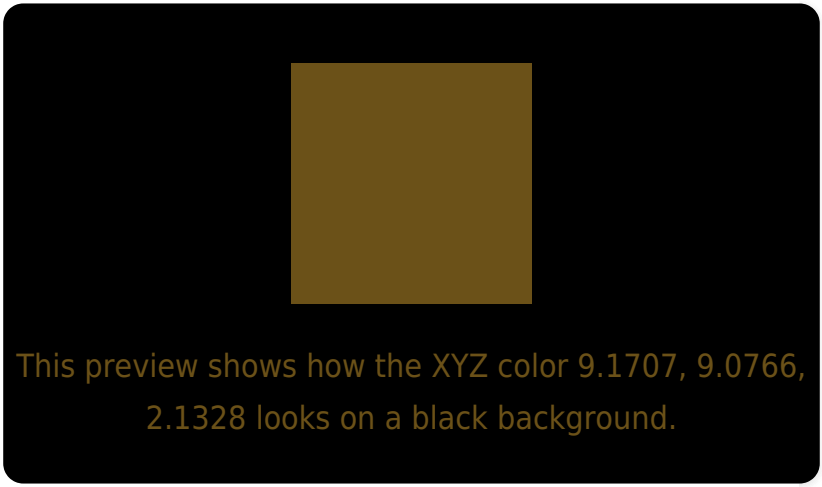
White Background

This preview shows how the XYZ color 9.1707, 9.0766, 2.1328 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

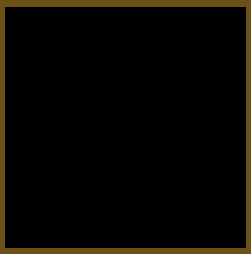


Color Contrast Check

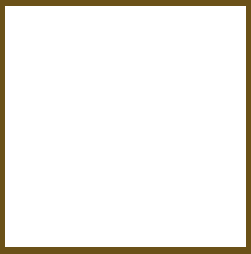
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 9.1707, 9.0766, 2.1328 Background



This preview shows how black text looks on a background with the XYZ color 9.1707, 9.0766, 2.1328.



This preview shows how white text looks on a background with the XYZ color 9.1707, 9.0766, 2.1328.

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
9.1707, 9.0766, 2.1328

Protanopia
8.2478, 9.0540, 2.2326

Deuteranopia
9.1707, 9.0766, 2.1328

Tritanopia
10.6252, 9.1425, 8.9892

Trichromacy

Original Color
9.1707, 9.0766, 2.1328

Protanomaly
8.6013, 9.1202, 2.2267

Deuteranomaly
9.1707, 9.0766, 2.1328

Tritanomaly
9.9704, 9.0900, 5.5040

Monochromacy

Original Color
9.1707, 9.0766, 2.1328

Achromatopsia
8.0200, 8.4376, 9.1886

Achromatomaly
8.1740, 8.5957, 5.6432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.1707, 9.0766, 2.1328 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(107, 81, 24) looks like.

```
.text, #text, p{
    color:rgb(107, 81, 24)
}
```

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(107, 81, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 81, 24) }
```

Border

The CSS property to change the border of an element to XYZ 9.1707, 9.0766, 2.1328 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(107, 81, 24) }
```

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

```
.border{ border-color:rgb(107, 81, 24) }
```

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

Here you see how a box with a 4 pixel rgb(107, 81, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 81, 24); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 81, 24); box-shadow:4px 4px 4px 4px rgb(107, 81, 24) }
```

Background

The CSS property to change the background color of an element to XYZ 9.1707, 9.0766, 2.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(107, 81, 24) }
```

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

```
.background{ background-color:rgb(107, 81,
24) }
```

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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