Converting Colors

XYZ(7.3887, 8.1161, 2.3016)

Have a look what the booklet for XYZ(7.3887, 8.1161, 2.3016) contains.

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Color

XYZ(7.3685, 8.1424, 2.2819)

Conversions

Conversions Part 1

Format	Color
Hex	5A511C
RGB	90, 81, 28
RGB Percent	35%, 32%, 11%
CMY	0.6471, 0.6823, 0.8902
CMYK	0.00, 0.10, 0.69, 0.65
HSL	51°, 53%, 23%
HSV	51°, 69%, 35%
XYZ	7.3685, 8.1424, 2.2819
YIQ	77.6490, 22.3770, -14.5750

Conversions

Conversions Part 2

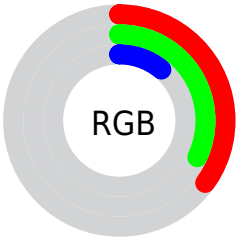
Format	Color
RYB	39, 90, 28
Decimal	5919004
CIELab	34.28, -3.52, 31.54
CIELCh	34, 31.740, 96.360
Yxy	8.1424, 0.4141, 0.4576
Android (android.graphics.Color)	4284109084 (0xFF5A511C)
YUV	77.6490, -24.4770, 10.8318
Hunter-Lab	28.5349, -3.8424, 15.2331

Details

The XYZ color 7.3685, 8.1424, 2.2819 is a dark color, and the websafe version is hex 666633. A complement of this color would be 2.9859, 2.3081, 9.9609, and the grayscale version is 7.2172, 7.5931, 8.2689.

A 20% lighter version of the original color is 20.4080, 22.2240, 9.8707, and 1.6164, 1.8154, 0.2652 is the 20% darker color. If you saturate the color by 10%, you get 7.1805, 7.9137, 1.7652, and if you desaturate by 10%, it is 7.5910, 8.3885, 2.9695.

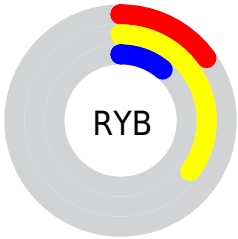
Distribution



Red (35%)

Green (32%)

Blue (11%)



Red (15%)

Yellow (35%)

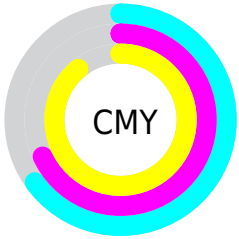
Blue (11%)

Cyan (0%)

Magenta (10%)

Yellow (69%)

Black (65%)



Cyan (65%)

Magenta (68%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.3685, 8.1424, 2.2819 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 7.3685, 8.1424, 2.2819 by changing the saturation by 10% instead.

7.3685, 8.1424, 2.2819

7.3685, 8.1424, 2.2819

165.1703, 176.8447, 126.6111

3.7420, 4.1862, 0.7211

20.4083, 22.2371, 9.7981

1.5572, 1.7783, 0.0000

30.5522, 33.1445, 16.6104

0.3643, 0.4736, 0.0000

43.5994, 47.1376, 26.0169

0.0000, 0.0000, 0.0000

59.9150, 64.6010, 38.4361

79.8646, 85.9190, 54.2866

103.8135,

111.4760, 73.9869

132.1269, 141.6565, 97.9555

7.3685, 8.1424, 2.2819

7.1805, 7.9137, 1.7652

7.0235, 7.7000, 1.4033

6.8817, 7.4955, 1.1128

6.8661, 7.4729, 1.0805

7.3685, 8.1424, 2.2819

7.5910, 8.3885, 2.9695

7.8501, 8.6520, 3.8412

8.1483, 8.9341, 4.9096

8.4878, 9.2357, 6.1861

8.8706, 9.5577, 7.6809

9.2985, 9.9009, 9.4039

9.7732, 10.2658, 11.3643

10.2965, 10.6533, 13.5706

10.8699, 11.0639, 16.0311

Harmonies

Analogous

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

9.1843, 8.1424, 2.6022

7.3685, 8.1424, 2.2819

5.8931, 8.1424, 3.1084

Triad

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

7.3685, 8.1424, 2.2819

5.3110, 8.1424, 15.9832

11.2908, 8.1424, 13.3721

Complementary

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

7.3685, 8.1424, 2.2819

2.9859, 2.3081, 9.9609

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.

9.9352, 8.1424, 19.2479

7.3685, 8.1424, 2.2819

6.4541, 8.1424, 21.1140

Square

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

7.3685, 8.1424, 2.2819

4.8277, 8.1424, 9.9888

8.1219, 8.1424, 22.4935

11.6344, 8.1424, 7.8301

Rectangle

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

7.3685, 8.1424, 2.2819

5.2393, 8.1424, 4.4911

8.1219, 8.1424, 22.4935

10.9293, 8.1424, 15.4288

Sweetspot

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

7.3687, 8.1428, 2.2821

15.3239, 16.5599, 12.6675

4.9704, 3.1397, 2.1192

3.6770, 3.9801, 2.9561

46.7556, 49.1905, 53.5685

4.1094, 4.3234, 4.7081

Same Dimension

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

7.3687, 8.1428, 2.2821

12.3696, 13.5877, 2.6298

6.2707, 8.6359, 2.4351

2.4752, 2.6355, 2.5045

10.3664, 11.2515, 1.6254

56.2688, 60.6176, 8.7347

Inverse Universe

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

2.9859, 2.3081, 9.9609

4.0899, 2.5875, 17.2061

3.5614, 2.2393, 9.9173

2.2452, 2.3285, 2.9056

2.9794, 1.4862, 14.7820

15.8919, 7.2911, 80.8054

Previews

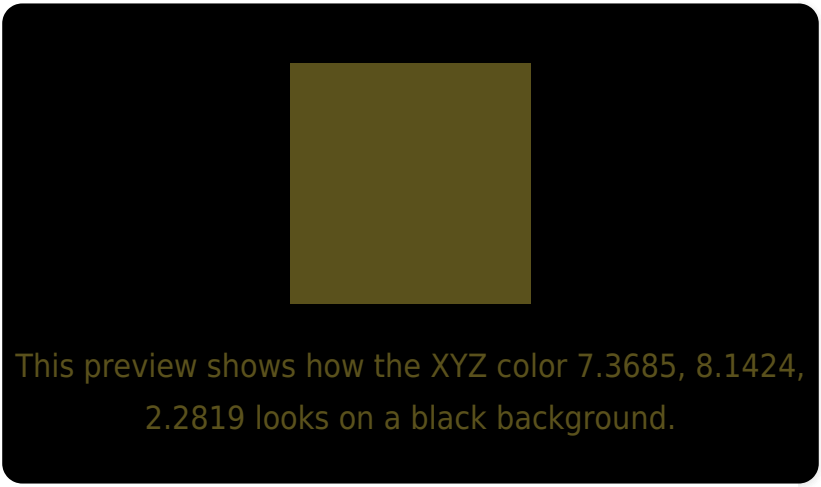
White Background

This preview shows how the XYZ color 7.3685, 8.1424, 2.2819 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

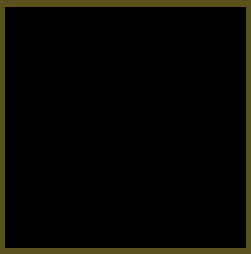


Color Contrast Check

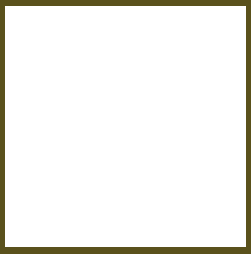
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

XYZ 7.3685, 8.1424, 2.2819 Background



This preview shows how black text looks on a background with the XYZ color 7.3685, 8.1424, 2.2819.



This preview shows how white text looks on a background with the XYZ color 7.3685, 8.1424, 2.2819.

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
7.3685, 8.1424, 2.2819

Protanopia
7.3685, 8.1424, 2.2819

Deuteranopia
8.2425, 8.1632, 2.3036

Tritanopia
8.7235, 8.1578, 9.0975

Trichromacy

Original Color
7.3685, 8.1424, 2.2819

Protanomaly
7.3685, 8.1424, 2.2819

Deuteranomaly
7.8759, 8.0789, 2.3067

Tritanomaly
8.1081, 8.1237, 5.6981

Monochromacy

Original Color
7.3685, 8.1424, 2.2819

Achromatopsia
7.2414, 7.6185, 8.2966

Achromatomaly
7.0913, 7.7120, 5.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.3685, 8.1424, 2.2819 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(90, 81, 28) looks like.

```
.text, #text, p{
    color:rgb(90, 81, 28)
}
```

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(90, 81, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 81, 28) }
```

Border

The CSS property to change the border of an element to XYZ 7.3685, 8.1424, 2.2819 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(90, 81, 28) }
```

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

```
.border{ border-color:rgb(90, 81, 28) }
```

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

Here you see how a box with a 4 pixel rgb(90, 81, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 81, 28); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 81, 28); box-shadow:4px 4px 4px 4px rgb(90, 81, 28) }
```

Background

The CSS property to change the background color of an element to XYZ 7.3685, 8.1424, 2.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(90, 81, 28) }
```

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

```
.background{ background-color:rgb(90, 81,
28) }
```

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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