Converting Colors

XYZ(8.2381, 9.3177, 7.0533)

Have a look what the booklet for XYZ(8.2381, 9.3177, 7.0533) contains.

XYZ(8.2201, 9.2939, 6.9909) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

XYZ(8.2201, 9.2939, 6.9909)

Conversions

Conversions Part 1

Format	Color
Hex	545845
RGB	84, 88, 69
RGB Percent	33%, 35%, 27%
CMY	0.6706, 0.6549, 0.7294
CMYK	0.05, 0.00, 0.22, 0.65
HSL	73°, 12%, 31%
HSV	73°, 22%, 35%
XYZ	8.2201, 9.2939, 6.9909
YIQ	84.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

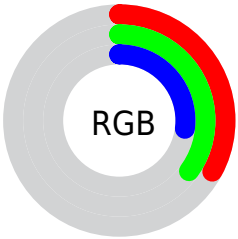
Format	Color
RYB	69, 88, 73
Decimal	5527621
CIELab	36.54, -5.37, 10.51
CIELCh	37, 11.800, 117.066
Yxy	9.2939, 0.3354, 0.3793
Android (android.graphics.Color)	4283717701 (0xFF545845)
YUV	84.6380, -7.7095, -0.5595
Hunter-Lab	30.4859, -5.2203, 7.7440

Details

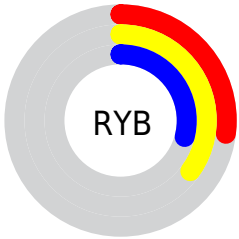
The XYZ color 8.2201, 9.2939, 6.9909 is a dark color, and the websafe version is hex 666666. A complement of this color would be 6.6375, 6.3775, 10.1141, and the grayscale version is 8.5743, 9.0208, 9.8236.

A 20% lighter version of the original color is 22.1309, 24.5296, 20.3979, and 1.8870, 2.2337, 1.3090 is the 20% darker color. If you saturate the color by 10%, you get 7.8034, 9.1086, 5.6497, and if you desaturate by 10%, it is 8.6822, 9.4985, 8.5462.

Distribution

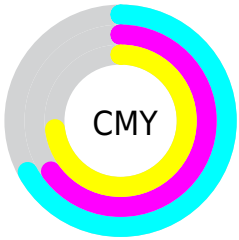


- Red (33%)
- Green (35%)
- Blue (27%)



- Red (27%)
- Yellow (35%)
- Blue (29%)

- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.2201, 9.2939, 6.9909 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 8.2201, 9.2939, 6.9909 by changing the saturation by 10% instead.

8.2201, 9.2939, 6.9909

8.2201, 9.2939, 6.9909

171.7816, 185.5555, 177.2161

4.2891, 4.9334, 3.3780

22.0701, 24.4586, 20.4675

1.8670, 2.2082, 1.2908

32.7198, 36.0317, 31.1682

0.5575, 0.7245, 0.0542

46.3398, 50.7776, 45.0688

0.0000, 0.0000, 0.0000

63.2955, 69.0809, 62.5875

83.9521, 91.3260, 84.1431

108.6751,

117.8971, 110.1541

137.8298, 149.1789, 141.0389

8.2201, 9.2939, 6.9909

8.2201, 9.2939, 6.9909

7.8034, 9.1086, 5.6497

8.6822, 9.4985, 8.5462

7.4296, 8.9407, 4.5126

9.1907, 9.7218, 10.3238

7.0969, 8.7897, 3.5698

9.7475, 9.9650, 12.3321

6.8033, 8.6549, 2.8103

10.3540, 10.2285, 14.5791

6.5464, 8.5352, 2.2221

11.0118, 10.5131, 17.0722

6.3238, 8.4297, 1.7919

6.1312, 8.3367, 1.4985

5.9778, 8.2623, 1.2797

11.7221, 10.8192, 19.8186

12.4864, 11.1475, 22.8252

13.3060, 11.4984, 26.0987

14.1820, 11.8724, 29.6453

Harmonies

Analogous

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

8.9044, 9.2939, 6.6618

8.2201, 9.2939, 6.9909

7.7247, 9.2939, 8.1183

Triad

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

8.2201, 9.2939, 6.9909

8.1040, 9.2939, 13.8143

10.2855, 9.2939, 10.3232

Complementary

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

8.2201, 9.2939, 6.9909

6.6375, 6.3775, 10.1141

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.

10.0438, 9.2939, 12.4251

8.2201, 9.2939, 6.9909

8.7631, 9.2939, 14.6045

Square

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

8.2201, 9.2939, 6.9909

7.6602, 9.2939, 12.0275

9.4768, 9.2939, 14.0649

10.1210, 9.2939, 8.4247

Rectangle

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

8.2201, 9.2939, 6.9909

7.5551, 9.2939, 9.2600

9.4768, 9.2939, 14.0649

10.2487, 9.2939, 11.0306

Sweetspot

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

8.2203, 9.2943, 6.9911

15.6506, 16.8150, 16.5705

7.4684, 7.2435, 6.6349

3.9572, 4.2567, 4.1705

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.

8.2203, 9.2943, 6.9911

13.9800, 16.0766, 10.9429

7.4424, 8.8933, 6.9547

2.2159, 2.4014, 2.2675

8.9737, 12.4465, 1.9295

49.6508, 69.5276, 10.8033

Inverse Universe

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

6.6375, 6.3775, 10.1141

10.6558, 9.9498, 17.5032

7.3957, 6.7684, 10.1496

2.0408, 2.0787, 2.6130

3.0022, 1.2405, 14.0187

16.2235, 6.6379, 78.7208

Previews

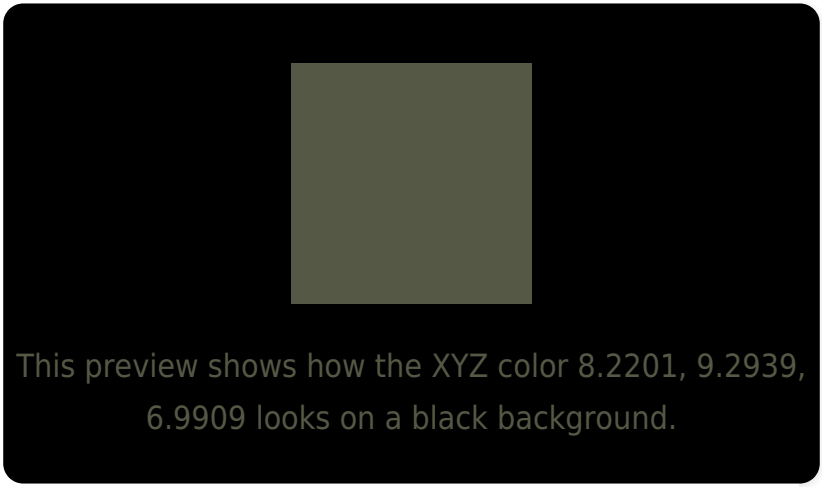
White Background

This preview shows how the XYZ color 8.2201, 9.2939, 6.9909 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



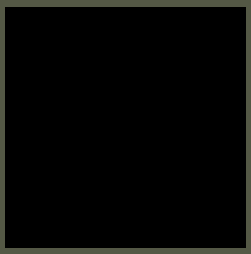
This preview shows how the XYZ color 8.2201, 9.2939, 6.9909 looks on a black background.

Color Contrast Check

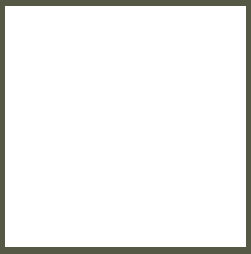
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

XYZ 8.2201, 9.2939, 6.9909 Background



This preview shows how black text looks on a background with the XYZ color 8.2201, 9.2939, 6.9909.



This preview shows how white text looks on a background with the XYZ color 8.2201, 9.2939, 6.9909.

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
8.2201, 9.2939, 6.9909

Protanopia
8.6856, 9.2971, 6.8056

Deuteranopia
9.4543, 9.3380, 7.0985

Tritanopia
9.1107, 9.2959, 11.4393

Trichromacy

Original Color
8.2201, 9.2939, 6.9909

Protanomaly
8.4761, 9.3085, 6.8188

Deuteranomaly
8.9701, 9.3189, 7.1203

Tritanomaly
8.7658, 9.2741, 9.7156

Monochromacy

Original Color
8.2201, 9.2939, 6.9909

Achromatopsia
8.6345, 9.0842, 9.8927

Achromatomaly
8.4854, 9.1514, 8.7163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.2201, 9.2939, 6.9909 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(84, 88, 69) looks like.

```
.text, #text, p{
    color:rgb(84, 88, 69)
}
```

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(84, 88, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 88, 69) }
```

Border

The CSS property to change the border of an element to XYZ 8.2201, 9.2939, 6.9909 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(84, 88, 69) }
```

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

```
.border{ border-color:rgb(84, 88, 69) }
```

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

Here you see how a box with a 4 pixel rgb(84, 88, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 88, 69); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 88, 69); box-shadow:4px 4px 4px 4px rgb(84, 88, 69) }
```

Background

The CSS property to change the background color of an element to XYZ 8.2201, 9.2939, 6.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(84, 88, 69) }
```

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

```
.background{ background-color:rgb(84, 88,
69) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor