Converting Colors

XYZ(8.1796, 9.0291, 7.1060)

Have a look what the booklet for XYZ(8.1796, 9.0291, 7.1060) contains.

XYZ(8.1796, 9.0291, 7.1060) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

XYZ(8.1796, 9.0291, 7.1060)

Conversions

Conversions Part 1

Format	Color
Hex	555646
RGB	85, 86, 70
RGB Percent	33%, 34%, 27%
CMY	0.6667, 0.6627, 0.7255
CMYK	0.01, 0.00, 0.19, 0.66
HSL	64°, 10%, 31%
HSV	64°, 19%, 34%
XYZ	8.1796, 9.0291, 7.1060
YIQ	83.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

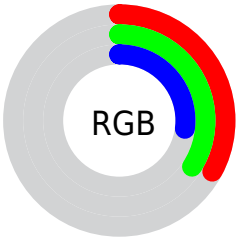
Format	Color
RYB	70, 86, 71
Decimal	5592646
CIELab	36.04, -3.56, 9.20
CIELCh	36, 9.867, 111.157
Yxy	9.0291, 0.3364, 0.3713
Android (android.graphics.Color)	4283782726 (0xFF555646)
YUV	83.8770, -6.8414, 0.9849
Hunter-Lab	30.0485, -3.9947, 7.0127

Details

The XYZ color 8.1796, 9.0291, 7.1060 is a dark color, and the websafe version is hex 666666. A complement of this color would be 6.4688, 6.3920, 9.6975, and the grayscale version is 8.4147, 8.8529, 9.6408.

A 20% lighter version of the original color is 22.0658, 24.0672, 20.6220, and 1.8658, 2.1161, 1.3470 is the 20% darker color. If you saturate the color by 10%, you get 7.8787, 8.9034, 5.7749, and if you desaturate by 10%, it is 8.5202, 9.1713, 8.6424.

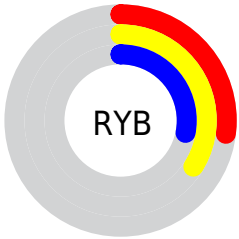
Distribution



Red (33%)

Green (34%)

Blue (27%)



Red (27%)

Yellow (34%)

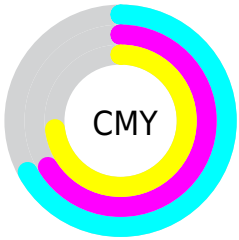
Blue (28%)

Cyan (1%)

Magenta (0%)

Yellow (19%)

Black (66%)



Cyan (67%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.1796, 9.0291, 7.1060 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 8.1796, 9.0291, 7.1060 by changing the saturation by 10% instead.

8.1796, 9.0291, 7.1060

8.1796, 9.0291, 7.1060

171.4740, 183.5948, 178.2058

4.2629, 4.7602, 3.4490

21.9918, 23.9526, 20.7026

1.8519, 2.1072, 1.3282

32.6181, 35.3759, 31.4794

0.5486, 0.6687, 0.0848

46.2115, 49.9528, 45.4665

0.0000, 0.0000, 0.0000

63.1374, 68.0676, 63.0824

83.7613, 90.1049, 84.7458

108.4485,

116.4489, 110.8751

137.5642, 147.4841, 141.8889

8.1796, 9.0291, 7.1060

8.1796, 9.0291, 7.1060

7.8787, 8.9034, 5.7749

8.5202, 9.1713, 8.6424

7.6153, 8.7925, 4.6398

8.9014, 9.3295, 10.3916

7.3877, 8.6959, 3.6917

9.3249, 9.5047, 12.3616

7.1940, 8.6129, 2.9205

9.7921, 9.6974, 14.5596

7.0322, 8.5427, 2.3151

10.3043, 9.9081, 16.9927

6.9000, 8.4844, 1.8635

10.8628, 10.1374, 19.6675

6.7947, 8.4369, 1.5518

11.4688, 10.3857, 22.5906

6.7015, 8.3943, 1.3015

12.1234, 10.6535, 25.7679

6.6885, 8.3884, 1.2666

12.8279, 10.9413, 29.2056

Harmonies

Analogous

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

8.7572, 9.0291, 6.9620

8.1796, 9.0291, 7.1060

7.7297, 9.0291, 7.9340

Triad

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

8.1796, 9.0291, 7.1060

7.8910, 9.0291, 12.5799

9.7503, 9.0291, 10.3382

Complementary

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

8.1796, 9.0291, 7.1060

6.4688, 6.3920, 9.6975

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.

9.4945, 9.0291, 12.0089

8.1796, 9.0291, 7.1060

8.4090, 9.0291, 13.3968

Square

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

8.1796, 9.0291, 7.1060

7.5685, 9.0291, 11.0488

8.9972, 9.0291, 13.1767

9.6820, 9.0291, 8.7064

Rectangle

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

8.1796, 9.0291, 7.1060

7.5541, 9.0291, 8.8204

8.9972, 9.0291, 13.1767

9.6989, 9.0291, 10.9163

Sweetspot

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

8.1798, 9.0295, 7.1062

15.0441, 16.0923, 15.8043

7.1841, 6.9019, 6.7480

3.6655, 3.9241, 3.8335

45.3388, 47.7000, 51.9453

3.7718, 3.9682, 4.3214

Same Dimension

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

8.1798, 9.0295, 7.1062

14.0698, 15.6862, 11.4139

7.5104, 8.6844, 7.0749

2.2427, 2.4152, 2.2687

10.5671, 13.2680, 2.0040

59.0805, 74.3887, 11.2446

Inverse Universe

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

6.4688, 6.3920, 9.6975

10.5117, 10.2015, 16.8027

7.0780, 6.7061, 9.7260

2.0161, 2.0660, 2.6118

2.7431, 1.1069, 14.0066

15.1297, 6.0741, 78.6696

Previews

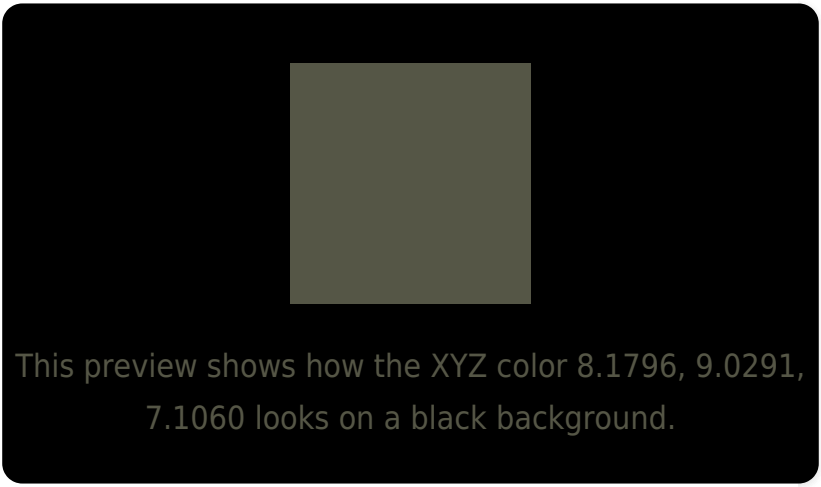
White Background

This preview shows how the XYZ color 8.1796, 9.0291, 7.1060 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



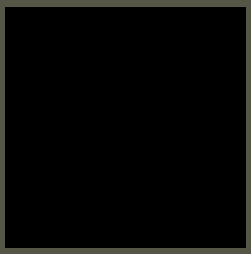
This preview shows how the XYZ color 8.1796, 9.0291, 7.1060 looks on a black background.

Color Contrast Check

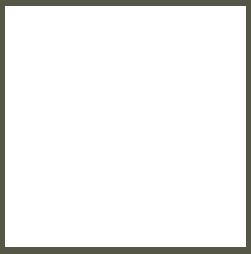
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

XYZ 8.1796, 9.0291, 7.1060 Background



This preview shows how black text looks on a background with the XYZ color 8.1796, 9.0291, 7.1060.



This preview shows how white text looks on a background with the XYZ color 8.1796, 9.0291, 7.1060.

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
8.1796, 9.0291, 7.1060

Protanopia
8.5391, 9.1003, 6.9367

Deuteranopia
9.1168, 8.9365, 7.2056

Tritanopia
8.9632, 8.9994, 10.9375

Trichromacy

Original Color
8.1796, 9.0291, 7.1060

Protanomaly
8.3472, 9.0014, 6.9277

Deuteranomaly
8.7448, 8.9686, 7.2314

Tritanomaly
8.6621, 8.9914, 9.4626

Monochromacy

Original Color
8.1796, 9.0291, 7.1060

Achromatopsia
8.4267, 8.8656, 9.6546

Achromatomaly
8.3159, 8.9463, 8.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1796, 9.0291, 7.1060 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(85, 86, 70) looks like.

```
.text, #text, p{
    color:rgb(85, 86, 70)
}
```

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(85, 86, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 86, 70) }
```

Border

The CSS property to change the border of an element to XYZ 8.1796, 9.0291, 7.1060 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(85, 86, 70) }
```

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

```
.border{ border-color:rgb(85, 86, 70) }
```

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

Here you see how a box with a 4 pixel rgb(85, 86, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 86, 70); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 86, 70); box-shadow:4px 4px 4px 4px rgb(85, 86, 70) }
```

Background

The CSS property to change the background color of an element to XYZ 8.1796, 9.0291, 7.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(85, 86, 70) }
```

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

```
.background{ background-color:rgb(85, 86,
70) }
```

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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