Converting Colors

XYZ(8.9517, 6.9015, 10.2548)

Have a look what the booklet for XYZ(8.9517, 6.9015, 10.2548) contains.

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Color

XYZ(8.9514, 6.8835, 10.3081)

Conversions

Format	Color
Hex	663D59
RGB	102, 61, 89
RGB Percent	40%, 24%, 35%
CMY	0.6000, 0.7608, 0.6510
CMYK	0.00, 0.40, 0.13, 0.60
HSL	319°, 25%, 32%
HSV	319°, 40%, 40%
XYZ	8.9514, 6.8835, 10.3081
YIQ	76.4510, 15.4480, 17.4000

Conversions Part 1

Conversions

Conversions Part 2

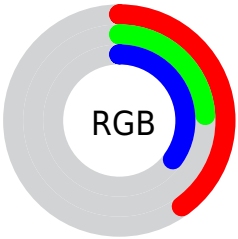
Format	Color
RYB	102, 61, 89
Decimal	6700377
CIELab	31.54, 22.57, -9.19
CIELCh	32, 24.369, 337.853
Yxy	6.8835, 0.3424, 0.2633
Android (android.graphics.Color)	4284890457 (0xFF663D59)
YUV	76.4510, 6.1867, 22.4065
Hunter-Lab	26.2364, 14.9873, -4.9291

Details

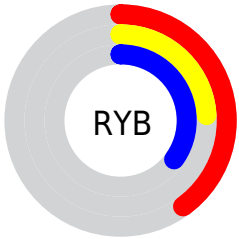
The XYZ color 8.9514, 6.8835, 10.3081 is a dark color, and the websafe version is hex 663366. A complement of this color would be 7.9121, 10.9895, 8.1831, and the grayscale version is 6.9395, 7.3009, 7.9507.

A 20% lighter version of the original color is 23.4553, 19.6714, 26.9868, and 2.1427, 1.3293, 2.4291 is the 20% darker color. If you saturate the color by 10%, you get 8.3251, 5.8433, 9.4439, and if you desaturate by 10%, it is 9.6877, 8.1339, 11.2385.

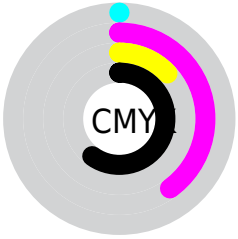
Distribution



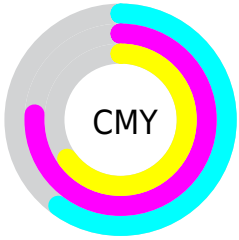
- Red (40%)
- Green (24%)
- Blue (35%)



- Red (40%)
- Yellow (24%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9514, 6.8835, 10.3081 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 8.9514, 6.8835, 10.3081 by changing the saturation by 10% instead.

8.9514, 6.8835, 10.3081

8.9514, 6.8835, 10.3081

177.2297, 166.6921, 203.4212

4.7664, 3.3893, 5.4954

23.4715, 19.7385, 26.9902

2.1442, 1.3382, 2.4770

34.5373, 29.8681, 39.6968

0.7131, 0.1705, 0.8279

48.6274, 42.9783, 55.8718

0.0000, 0.0000, 0.0000

66.1071, 59.4535, 75.9336

87.3419, 79.6780, 100.3010

112.6970,

104.0364, 129.3923

142.5378, 132.9130, 163.6262

8.9514, 6.8835, 10.3081

8.9514, 6.8835, 10.3081

8.3251, 5.8433, 9.4439

9.6877, 8.1339, 11.2385

7.8021, 5.0006, 8.6432

10.5389, 9.6044, 12.2370

7.3762, 4.3427, 7.9036

11.5103, 11.3056, 13.3057

7.0400, 3.8550, 7.2221

12.6067, 13.2468, 14.4466

6.7851, 3.5207, 6.5956

13.8326, 15.4372, 15.6616

6.5743, 3.2627, 6.0211

15.1924, 17.8851, 16.9524

16.6902, 20.5986, 18.3208

18.3298, 23.5856, 19.7683

20.1150, 26.8533, 21.2966

Harmonies

Analogous

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

8.0820, 6.8835, 14.1094

8.9514, 6.8835, 10.3081

9.1380, 6.8835, 6.6182

Triad

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

8.9514, 6.8835, 10.3081

6.2288, 6.8835, 2.6316

4.8672, 6.8835, 12.3909

Complementary

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

8.9514, 6.8835, 10.3081

7.9121, 10.9895, 8.1831

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.

4.4920, 6.8835, 8.4459

8.9514, 6.8835, 10.3081

5.2122, 6.8835, 3.3588

Square

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

8.9514, 6.8835, 10.3081

7.4626, 6.8835, 2.8518

4.6100, 6.8835, 5.2467

5.7015, 6.8835, 15.5482

Rectangle

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

8.9514, 6.8835, 10.3081

8.8309, 6.8835, 4.7855

4.6100, 6.8835, 5.2467

4.6882, 6.8835, 11.0721

Sweetspot

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

8.9516, 6.8838, 10.3082

19.8018, 19.1508, 22.9215

6.8900, 5.7523, 13.3177

4.6383, 4.4596, 5.3714

51.1593, 53.8236, 58.6138

5.2251, 5.4972, 5.9864

Same Dimension

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

8.9516, 6.8838, 10.3082

14.6830, 10.3836, 16.6820

8.2077, 6.5863, 6.3909

2.9008, 2.8750, 3.3503

8.4257, 4.1832, 7.6398

43.5352, 21.6541, 37.6911

Inverse Universe

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

8.9516, 6.8838, 10.3082

14.6830, 10.3836, 16.6820

8.7182, 11.3119, 12.4279

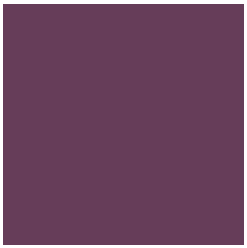
2.9008, 2.8750, 3.3503

8.4257, 4.1832, 7.6398

43.5352, 21.6541, 37.6911

Previews

White Background

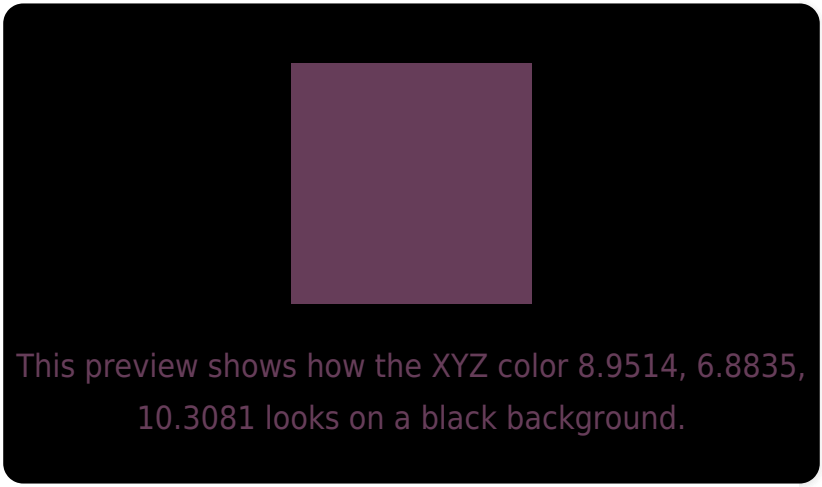


This preview shows how the XYZ color 8.9514, 6.8835, 10.3081 looks on a white background.

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

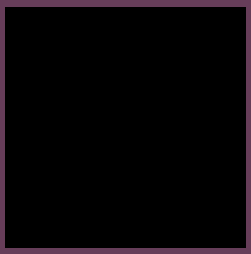


Color Contrast Check

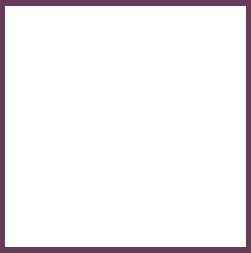
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

XYZ 8.9514, 6.8835, 10.3081 Background



This preview shows how black text looks on a background with the XYZ color 8.9514, 6.8835, 10.3081.



This preview shows how white text looks on a background with the XYZ color 8.9514, 6.8835,

10.3081.

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
8.9514, 6.8835, 10.3081

Protanopia
7.0373, 7.0083, 12.5371

Deuteranopia
7.0833, 6.9897, 9.9926

Tritanopia
8.2513, 6.9321, 6.6975

Trichromacy

Original Color
8.9514, 6.8835, 10.3081

Protanomaly
7.5019, 6.7879, 11.7413

Deuteranomaly
7.6359, 6.8921, 10.1604

Tritanomaly
8.5398, 6.9693, 7.9163

Monochromacy

Original Color
8.9514, 6.8835, 10.3081

Achromatopsia
6.8694, 7.2272, 7.8704

Achromatomaly
7.4848, 7.0319, 8.7474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9514, 6.8835, 10.3081 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(102, 61, 89) looks like.

```
.text, #text, p{
    color:rgb(102, 61, 89)
}
```

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(102, 61, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 61, 89) }
```

Border

The CSS property to change the border of an element to XYZ 8.9514, 6.8835, 10.3081 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(102, 61, 89) }
```

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

```
.border{ border-color:rgb(102, 61, 89) }
```

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

Here you see how a box with a 4 pixel rgb(102, 61, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 61, 89); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 61, 89); box-shadow:4px 4px 4px 4px rgb(102, 61, 89) }
```

Background

The CSS property to change the background color of an element to XYZ 8.9514, 6.8835, 10.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(102, 61, 89) }
```

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

```
.background{ background-color:rgb(102, 61,
89) }
```

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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