

Converting Colors

XYZ(9.2430, 11.2510, 6.4419)

Have a look what the booklet for
XYZ(9.2430, 11.2510, 6.4419)
contains.

XYZ(9.2895, 11.3088, 6.3958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.2895, 11.3088,
6.3958)**

Conversions

Conversions Part 1

Format	Color
Hex	57633F
RGB	87, 99, 63
RGB Percent	34%, 39%, 25%
CMY	0.6588, 0.6118, 0.7529
CMYK	0.12, 0.00, 0.36, 0.61
HSL	80°, 22%, 32%
HSV	80°, 36%, 39%
XYZ	9.2895, 11.3088, 6.3958
YIQ	91.3080, 4.4040, -13.7400

Conversions

Conversions Part 2

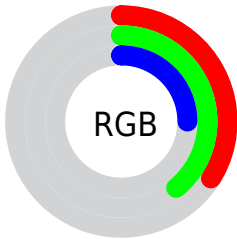
Format	Color
RYB	63, 99, 75
Decimal	5727039
CIELab	40.10, -11.48, 18.97
CIELCh	40, 22.173, 121.174
Yxy	11.3088, 0.3441, 0.4189
Android (android.graphics.Color)	4283917119 (0xFF57633F)
YUV	91.3080, -13.9558, -3.7781
Hunter-Lab	33.6286, -9.5414, 12.2637

Details

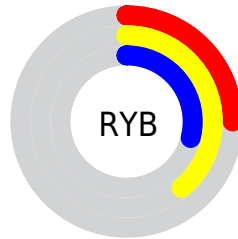
The XYZ color **9.2895, 11.3088, 6.3958** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.9317, 5.9520, 12.5885**, and the grayscale version is **10.0444, 10.5675, 11.5080**.

A 20% lighter version of the original color is **24.0921, 28.2788, 19.2275**, and **2.2687, 2.9779, 1.1170** is the 20% darker color. If you saturate the color by 10%, you get **8.7363, 11.0531, 5.0533**, and if you desaturate by 10%, it is **9.9072, 11.5927, 8.0016**.

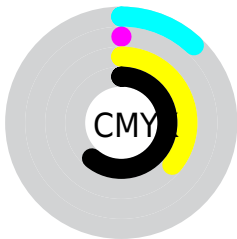
Distribution



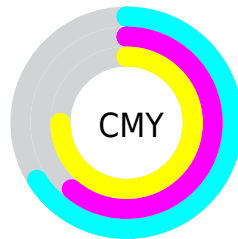
- Red (34%)
- Green (39%)
- Blue (25%)



- Red (25%)
- Yellow (39%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (61%)



- Cyan (66%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2895, 11.3088, 6.3958 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 9.2895, 11.3088, 6.3958 by changing the saturation by 10% instead.

9.2895, 11.3088,
6.3958

9.2895, 11.3088,
6.3958

179.6848,
199.7740, 171.9802

4.9891, 6.2749,
3.0146

24.1122, 28.2298,
19.2387

2.2756, 3.0130,
1.1021

35.3653, 40.8857,
29.5375

0.7821, 1.1385,
0.0000

49.6667, 56.8511,
42.9791

0.0000, 0.0106,
0.0000

67.3816, 76.5104,
59.9823

0.0000, 0.0000,
0.0000

88.8756, 100.2479,
80.9654

114.5138,

128.4481, 106.3471

144.6618,
161.4953, 136.5458

■ 9.2895, 11.3088,
6.3958

■ 9.2895, 11.3088,
6.3958

■ 8.7363, 11.0531,
5.0533

■ 9.9072, 11.5927,
8.0016

■ 8.2438, 10.8229,
3.9594

■ 10.5911, 11.9043,
9.8830

■ 7.8093, 10.6175,
3.0988

■ 11.3440, 12.2452,
12.0524

■ 7.4292, 10.4355,
2.4545

■ 12.1683, 12.6164,
14.5213

■ 7.0998, 10.2752,
2.0070

■ 13.0662, 13.0187,
17.3004

■ 6.8100, 10.1323,
1.7002

■ 14.0398, 13.4530,
20.4001

■ 6.7086, 10.0823,
1.5925

■ 15.0911, 13.9201,
23.8300

■ 16.2222, 14.4209,
27.5997

■ 17.4347, 14.9561,
31.7180

Harmonies

Analogous

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



10.6882, 11.3088, 5.6388



9.2895, 11.3088, 6.3958



8.3606, 11.3088, 8.6648

Triad

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



9.2895, 11.3088, 6.3958



9.3850, 11.3088, 21.3228



13.9845, 11.3088, 12.1407

Complementary

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



9.2895, 11.3088, 6.3958



6.9317, 5.9520, 12.5885

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.



13.5530, 11.3088, 16.8646



9.2895, 11.3088, 6.3958



10.8094, 11.3088, 22.8694

Square

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



9.2895, 11.3088, 6.3958



8.4119, 11.3088, 17.2379



12.3532, 11.3088, 21.0736



13.4825, 11.3088, 8.4292

Rectangle

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



9.2895, 11.3088, 6.3958



8.0834, 11.3088, 11.0591



12.3532, 11.3088, 21.0736



13.9435, 11.3088, 13.6591

Sweetspot

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



9.2898, 11.3093, 6.3960



18.8048, 20.7092, 18.7695



8.5593, 8.0440, 5.8043



4.4437, 4.9106, 4.3865



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



9.2898, 11.3093, 6.3960



15.0860, 19.0066, 8.9023



7.8136, 10.5483, 6.3270



2.6874, 2.9302, 2.7681



8.7018, 13.1201, 2.0738



45.5262, 69.5952, 11.0337

Inverse Universe

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



6.9317, 5.9520, 12.5885



10.3687, 8.2817, 21.3020



8.5442, 6.7833, 12.6640



2.5208, 2.5521, 3.2050



3.7134, 1.5752, 15.4960



18.9847, 7.9752, 82.7434

Previews

White Background



This preview shows how the XYZ color 9.2895, 11.3088, 6.3958 looks on a white background.

Color Contrast Check

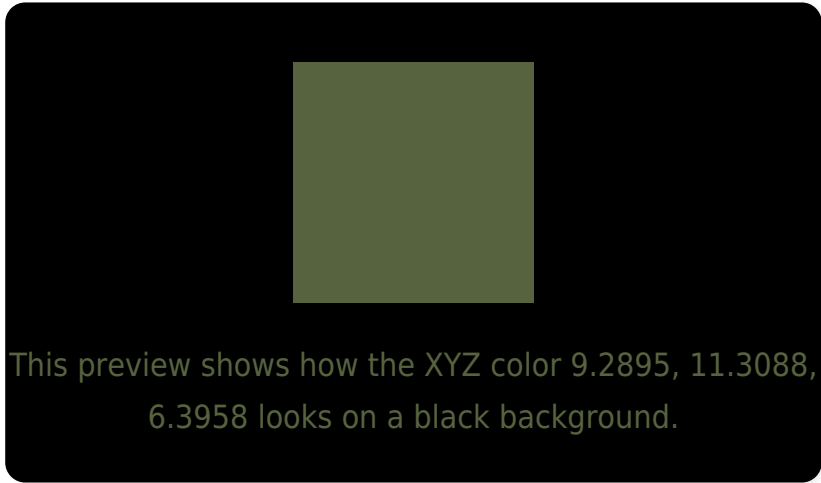
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9.2895, 11.3088, 6.3958

Background



This preview shows how black text looks on a background with the XYZ color 9.2895, 11.3088, 6.3958.



This preview shows how white text looks on a background with the XYZ color 9.2895, 11.3088,

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

9.2895, 11.3088, 6.3958

Protanopia

10.4385, 11.2259, 6.0315

Deuteranopia

11.4204, 11.2047, 6.5618



Tritanopia

10.8146, 11.2400, 14.1699

Trichromacy



Original Color

9.2895, 11.3088, 6.3958

Protanomaly

9.9821, 11.2549, 6.2037

Deuteranomaly

10.5487, 11.1419, 6.4451

Tritanomaly

10.1608, 11.2440, 10.8673

Monochromacy



Original Color

9.2895, 11.3088, 6.3958

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.7044, 10.7731, 9.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2895, 11.3088, 6.3958 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(87, 99, 63)` looks like.

```
.text, #text, p{  
    color:rgb(87, 99, 63)  
}
```

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(87, 99, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 99, 63) }
```

Border

The CSS property to change the border of an element to XYZ 9.2895, 11.3088, 6.3958 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(87, 99, 63) }
```


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

```
.border{ border-color:rgb(87, 99, 63) }
```

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

Here you see how a box with a 4 pixel rgb(87, 99, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 99, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 99, 63);  
box-shadow:4px 4px 4px 4px rgb(87, 99, 63)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.2895, 11.3088, 6.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 99, 63) }
```

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

```
.background{ background-color: rgb(87, 99,  
63) }
```

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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