

Converting Colors

XYZ(10.0282, 9.3882, 9.3029)

Have a look what the booklet for
XYZ(10.0282, 9.3882, 9.3029)
contains.

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Color

**XYZ(10.0589, 9.3776,
9.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	675152
RGB	103, 81, 82
RGB Percent	40%, 32%, 32%
CMY	0.5961, 0.6823, 0.6784
CMYK	0.00, 0.21, 0.20, 0.60
HSL	357°, 12%, 36%
HSV	357°, 21%, 40%
XYZ	10.0589, 9.3776, 9.2625
YIQ	87.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

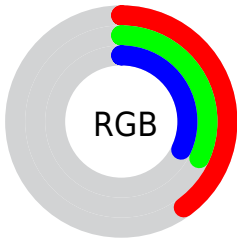
Format	Color
RYB	103, 81, 82
Decimal	6771026
CIELab	36.70, 9.34, 2.90
CIELCh	37, 9.785, 17.266
Yxy	9.3776, 0.3505, 0.3268
Android (android.graphics.Color)	4284961106 (0xFF675152)
YUV	87.6920, -2.8062, 13.4251
Hunter-Lab	30.6229, 5.0431, 3.5026

Details

The XYZ color **10.0589, 9.3776, 9.2625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6422, 12.4093, 14.4053**, and the grayscale version is **9.2129, 9.6927, 10.5553**.

A 20% lighter version of the original color is **25.4058, 24.4740, 24.8576**, and **2.5404, 2.2075, 2.0425** is the 20% darker color. If you saturate the color by 10%, you get **9.0031, 7.8224, 7.1950**, and if you desaturate by 10%, it is **11.2850, 11.1874, 11.6516**.

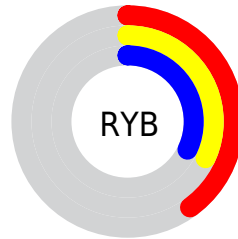
Distribution



Red (40%)

Green (32%)

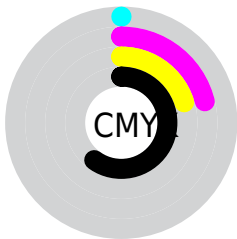
Blue (32%)



Red (40%)

Yellow (32%)

Blue (32%)

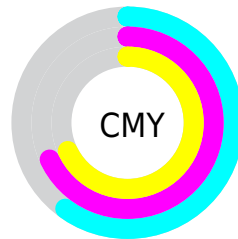


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (60%)



Cyan (60%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0589, 9.3776, 9.2625 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 10.0589, 9.3776, 9.2625 by changing the saturation by 10% instead.

■ 10.0589, 9.3776,
9.2625

■ 10.0589, 9.3776,
9.2625

185.1368,
186.1703, 195.6138

■ 5.5006, 4.9883,
4.8136

■ 25.5549, 24.6181,
24.9845

■ 2.5816, 2.2404,
2.0815

■ 37.2233, 36.2380,
37.0948

■ 0.9366, 0.7419,
0.6047

■ 51.9924, 51.0369,
52.5959

■ 0.0000, 0.0000,
0.0000

■ 70.2277, 69.3992,
71.9065

■ 92.2944, 91.7093,
95.4450

118.5579,

118.3516, 123.6301

149.3836,
149.7105, 156.8802

■ 10.0589, 9.3776,
9.2625

■ 10.0589, 9.3776,
9.2625

■ 9.0031, 7.8224,
7.1950

■ 11.2850, 11.1874,
11.6516

■ 8.1093, 6.5091,
5.4347

■ 12.6877, 13.2611,
14.3747

■ 7.3697, 5.4260,
3.9673

■ 14.2738, 15.6092,
17.4439

■ 6.7757, 4.5599,
2.7768

■ 16.0495, 18.2411,
20.8710

■ 6.3175, 3.8960,
1.8459

■ 18.0210, 21.1659,
24.6669

■ 5.9845, 3.4181,
1.1551

■ 20.1939, 24.3923,
28.8421

■ 5.7639, 3.1063,
0.6824

■ 22.5737, 27.9285,
33.4069

■ 5.6191, 2.8938,
0.3966

■ 25.1657, 31.7825,
38.3709

■ 27.9749, 35.9620,
43.7435

Harmonies

Analogous

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



10.0845, 9.3776, 10.9551



10.0589, 9.3776, 9.2625



9.7178, 9.3776, 7.9743

Triad

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



10.0589, 9.3776, 9.2625



8.0936, 9.3776, 8.1317



8.6616, 9.3776, 13.7780

Complementary

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



10.0589, 9.3776, 9.2625



10.6422, 12.4093, 14.4053

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.



8.1541, 9.3776, 12.8302



10.0589, 9.3776, 9.2625



7.8362, 9.3776, 9.5006

Square

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



10.0589, 9.3776, 9.2625



8.5756, 9.3776, 7.3734



7.8578, 9.3776, 11.2213



9.2594, 9.3776, 13.6957

Rectangle

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



10.0589, 9.3776, 9.2625



9.3657, 9.3776, 7.4604



7.8578, 9.3776, 11.2213



8.4754, 9.3776, 13.5652

Sweetspot

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



10.0592, 9.3780, 9.2627



21.4680, 21.8957, 23.3135



10.8590, 9.6835, 14.1287



5.2113, 5.3030, 5.6366



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.0592, 9.3780, 9.2627



16.9528, 15.2313, 14.5143



10.8115, 10.9430, 9.3275



2.8341, 2.8483, 2.9988



7.0659, 3.6393, 0.4795



36.7642, 18.9456, 2.0354

Inverse Universe

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



10.0592, 9.3780, 9.2627



16.9528, 15.2313, 14.5143



9.7650, 10.5752, 14.3585



2.8341, 2.8483, 2.9988



7.0659, 3.6393, 0.4795



36.7642, 18.9456, 2.0354

Previews

White Background



This preview shows how the XYZ color 10.0589, 9.3776, 9.2625 looks on a white background.

Color Contrast Check

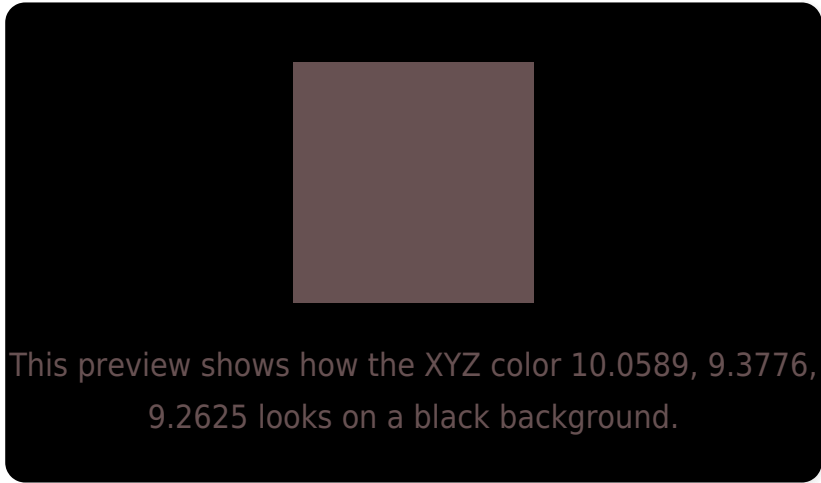
Large Text (above 18pt) WCAG AA ✓ Pass

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

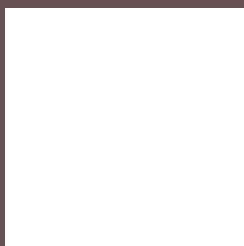
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0589, 9.3776, 9.2625

Background



This preview shows how black text looks on a background with the XYZ color 10.0589, 9.3776, 9.2625.



This preview shows how white text looks on a background with the XYZ color 10.0589, 9.3776,

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

10.0589, 9.3776, 9.2625

Protanopia

8.9920, 9.3862, 9.9321

Deuteranopia

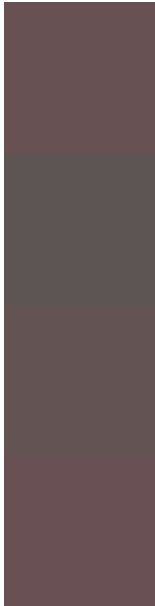
9.6231, 9.4912, 9.3074



Tritanopia

10.2979, 9.3685, 10.2824

Trichromacy



Original Color

10.0589, 9.3776, 9.2625

Protanomaly

9.2848, 9.3079, 9.6947

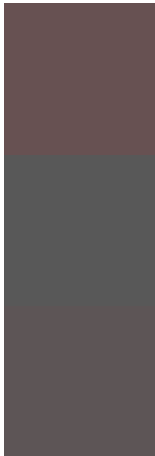
Deuteranomaly

9.7618, 9.4484, 9.2919

Tritanomaly

10.2173, 9.3363, 9.8579

Monochromacy



Original Color

10.0589, 9.3776, 9.2625

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.4424, 9.4960, 10.1393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0589, 9.3776, 9.2625 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(103, 81, 82)` looks like.

```
.text, #text, p{  
    color:rgb(103, 81, 82)  
}
```

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(103, 81, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 81, 82) }
```

Border

The CSS property to change the border of an element to XYZ 10.0589, 9.3776, 9.2625 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(103, 81, 82) }
```


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

```
.border{ border-color:rgb(103, 81, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 81, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 81, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 81, 82);  
box-shadow:4px 4px 4px 4px rgb(103, 81,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0589, 9.3776, 9.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 81, 82) }
```

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

```
.background{ background-color: rgb(103, 81,  
82) }
```

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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