

Converting Colors

XYZ(9.9302, 10.3785, 10.4124)

Have a look what the booklet for
XYZ(9.9302, 10.3785, 10.4124)
contains.

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Color

**XYZ(9.8907, 10.3276,
10.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5A57
RGB	93, 90, 87
RGB Percent	36%, 35%, 34%
CMY	0.6353, 0.6470, 0.6588
CMYK	0.00, 0.03, 0.06, 0.64
HSL	30°, 3%, 35%
HSV	30°, 6%, 36%
XYZ	9.8907, 10.3276, 10.4890
YIQ	90.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

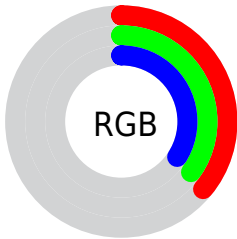
Format	Color
RYB	93, 93, 87
Decimal	6117975
CIELab	38.42, 0.59, 2.15
CIELCh	38, 2.232, 74.593
Yxy	10.3276, 0.3221, 0.3363
Android (android.graphics.Color)	4284308055 (0xFF5D5A57)
YUV	90.5550, -1.7526, 2.1443
Hunter-Lab	32.1366, -1.3019, 3.1441

Details

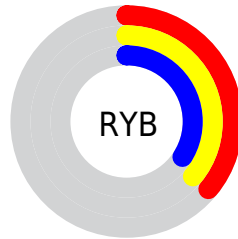
The XYZ color **9.8907, 10.3276, 10.4890** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.5625, 10.1289, 11.8072**, and the grayscale version is **9.8468, 10.3596, 11.2816**.

A 20% lighter version of the original color is **25.2211, 26.4019, 27.4337**, and **2.5286, 2.6483, 2.5684** is the 20% darker color. If you saturate the color by 10%, you get **9.1552, 9.4259, 8.4885**, and if you desaturate by 10%, it is **10.7003, 11.2988, 12.7561**.

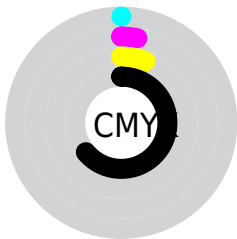
Distribution



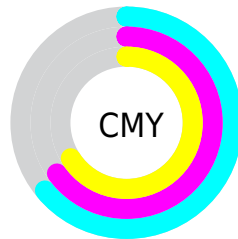
- Red (36%)
- Green (35%)
- Blue (34%)



- Red (36%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.8907, 10.3276, 10.4890 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 9.8907, 10.3276, 10.4890 by changing the saturation by 10% instead.

■ 9.8907, 10.3276,
10.4890

■ 9.8907, 10.3276,
10.4890

183.9602,
192.9945, 204.7374

■ 5.3883, 5.6167,
5.6145

■ 25.2413, 26.4099,
27.3333

■ 2.5139, 2.6134,
2.5472

■ 36.8201, 38.5501,
40.1403

■ 0.9023, 0.9334,
0.8650

■ 51.4884, 53.9355,
56.4285

■ 0.0000, 0.0000,
0.0000

■ 69.6116, 72.9505,
76.6166

■ 91.5550, 95.9795,
101.1229

117.6840,

123.4069, 130.3661

148.3640,
155.6171, 164.7648

■ 9.8907, 10.3276,
10.4890

■ 9.8907, 10.3276,
10.4890

■ 9.1552, 9.4259,
8.4885

■ 10.7003, 11.2988,
12.7561

■ 8.4906, 8.5908,
6.7439

■ 11.5853, 12.3398,
15.2984

■ 7.8948, 7.8209,
5.2449

■ 12.5480, 13.4525,
18.1251

■ 7.3651, 7.1146,
3.9802

■ 13.5906, 14.6384,
21.2448

■ 6.8989, 6.4699,
2.9376

■ 14.7148, 15.8989,
24.6656

■ 6.4931, 5.8849,
2.1039

■ 15.9227, 17.2354,
28.3954

■ 6.1444, 5.3573,
1.4642

■ 17.2159, 18.6491,
32.4417

■ 5.8492, 4.8849,
1.0020

■ 18.5962, 20.1415,
36.8118

■ 5.5963, 4.4623,
0.6611

■ 20.0654, 21.7137,
41.5128

Harmonies

Analogous

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



10.0170, 10.3276, 10.6910



9.8907, 10.3276, 10.4890



9.7456, 10.3276, 10.4862

Triad

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



9.8907, 10.3276, 10.4890



9.5474, 10.3276, 11.4484



10.0141, 10.3276, 11.8262

Complementary

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



9.8907, 10.3276, 10.4890



9.5625, 10.1289, 11.8072

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.



9.8868, 10.3276, 12.0396



9.8907, 10.3276, 10.4890



9.6179, 10.3276, 11.8178

Square

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



9.8907, 10.3276, 10.4890



9.5484, 10.3276, 11.0332



9.7418, 10.3276, 12.0365



10.0887, 10.3276, 11.4595

Rectangle

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



9.8907, 10.3276, 10.4890



9.6579, 10.3276, 10.5973



9.7418, 10.3276, 12.0365



9.9760, 10.3276, 11.9186

Sweetspot

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



9.8910, 10.3280, 10.4892



17.5180, 18.3884, 19.5956



9.7681, 9.8819, 11.0656



4.3986, 4.6181, 4.9312



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



9.8910, 10.3280, 10.4892



16.6911, 17.3886, 17.3034



10.1491, 10.8442, 10.5752



2.4140, 2.5129, 2.4841



7.7460, 6.0107, 0.7519



41.5278, 31.1356, 3.8210

Inverse Universe

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



9.5625, 10.1289, 11.8072



15.9810, 16.9580, 20.1525



9.3147, 9.6331, 11.7246



2.3040, 2.4463, 2.9252



4.1522, 3.8317, 15.1729



21.8481, 19.2034, 82.7908

Previews

White Background



This preview shows how the XYZ color 9.8907, 10.3276, 10.4890 looks on a white background.

Color Contrast Check

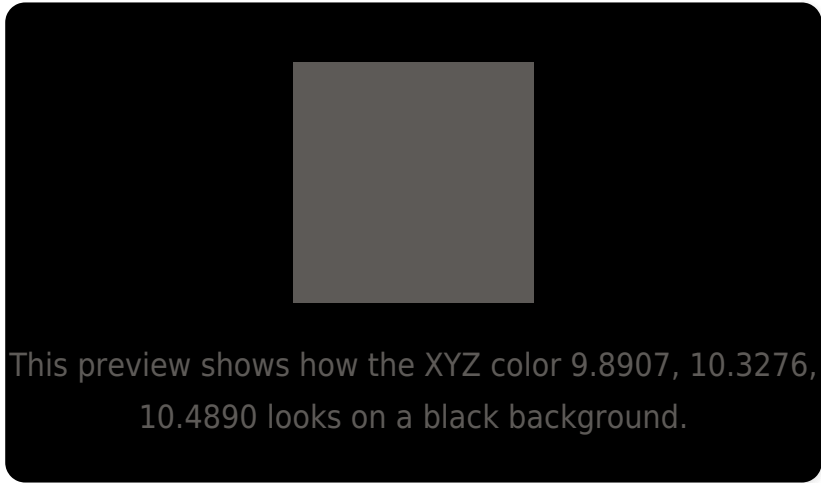
Large Text (above 18pt) WCAG AA ✓ Pass

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

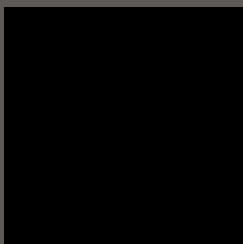
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

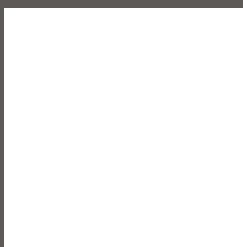
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.8907, 10.3276, 10.4890

Background



This preview shows how black text looks on a background with the XYZ color 9.8907, 10.3276, 10.4890.



This preview shows how white text looks on a background with the XYZ color 9.8907, 10.3276,

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

9.8907, 10.3276, 10.4890

Protanopia

9.8907, 10.3276, 10.4890

Deuteranopia

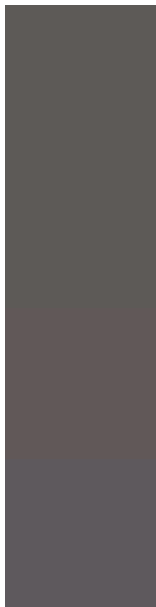
10.4252, 10.2303, 10.6577



Tritanopia

10.2998, 10.3690, 12.5249

Trichromacy



Original Color

9.8907, 10.3276, 10.4890

Protanomaly

9.8907, 10.3276, 10.4890

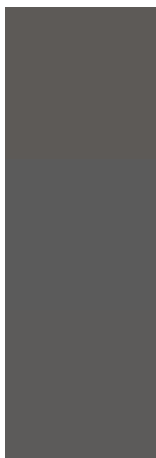
Deuteranomaly

10.1809, 10.2254, 10.6696

Tritanomaly

10.1643, 10.3148, 11.8112

Monochromacy



Original Color

9.8907, 10.3276, 10.4890

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0002, 10.4957, 11.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8907, 10.3276, 10.4890 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(93, 90, 87) looks like.

```
.text, #text, p{  
    color:rgb(93, 90, 87)  
}
```

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(93, 90, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 90, 87) }
```

Border

The CSS property to change the border of an element to XYZ 9.8907, 10.3276, 10.4890 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(93, 90, 87) }
```


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

```
.border{ border-color:rgb(93, 90, 87) }
```

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

Here you see how a box with a 4 pixel rgb(93, 90, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 90, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 90, 87);  
box-shadow:4px 4px 4px 4px rgb(93, 90, 87)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.8907, 10.3276, 10.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 90, 87) }
```

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

```
.background{ background-color: rgb(93, 90,  
87) }
```

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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