

Converting Colors

XYZ(10.5299, 10.4973, 13.0027)

Have a look what the booklet for
XYZ(10.5299, 10.4973, 13.0027)
contains.

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Color

**XYZ(10.4963, 10.4595,
13.0209)**

Conversions

Conversions Part 1	
Format	Color
Hex	5F5962
RGB	95, 89, 98
RGB Percent	37%, 35%, 38%
CMY	0.6274, 0.6510, 0.6157
CMYK	0.03, 0.09, 0.00, 0.62
HSL	280°, 5%, 37%
HSV	280°, 9%, 38%
XYZ	10.4963, 10.4595, 13.0209
YIQ	91.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

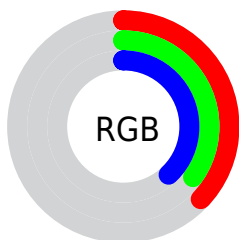
Format	Color
RYB	95, 89, 98
Decimal	6248802
CIELab	38.65, 4.30, -4.30
CIELCh	39, 6.086, 315.008
Yxy	10.4595, 0.3089, 0.3078
Android (android.graphics.Color)	4284438882 (0xFF5F5962)
YUV	91.8200, 3.0467, 2.7889
Hunter-Lab	32.3412, 1.3350, -1.2320

Details

The XYZ color **10.4963, 10.4595, 13.0209** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5848, 11.7322, 11.1584**, and the grayscale version is **10.1247, 10.6519, 11.5999**.

A 20% lighter version of the original color is **26.3345, 26.6549, 32.1907**, and **2.7871, 2.7023, 3.6235** is the 20% darker color. If you saturate the color by 10%, you get **9.4023, 8.7647, 12.7516**, and if you desaturate by 10%, it is **11.7137, 12.3797, 13.3275**.

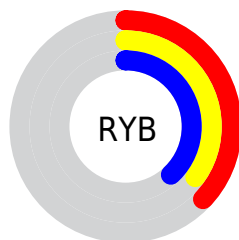
Distribution



Red (37%)

Green (35%)

Blue (38%)



Red (37%)

Yellow (35%)

Blue (38%)

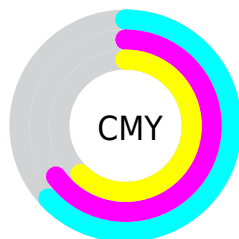


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (62%)



Cyan (63%)


Magenta (65%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.4963, 10.4595, 13.0209 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 10.4963, 10.4595, 13.0209 by changing the saturation by 10% instead.

 10.4963, 10.4595,
13.0209


 10.4963, 10.4595,
13.0209


188.1590,
193.9209, 222.2641


 5.7940, 5.7047,
7.3120


 26.3662, 26.6563,
32.0331


 2.7597, 2.6663,
3.5766

 38.2645, 38.8670,
46.1735


 1.0280, 0.9601,
1.3961

 53.2922, 54.3318,
63.9614

 0.0000, 0.0000,
0.1387

 71.8147, 73.4351,
85.8155

 0.0000, 0.0000,
0.0000

 94.1972, 96.5612,
112.1543

120.8052,

124.0946, 143.3963

152.0040,
156.4197, 179.9601

■ 10.4963, 10.4595,
13.0209

■ 10.4963, 10.4595,
13.0209

■ 9.4023, 8.7647,
12.7516

■ 11.7137, 12.3797,
13.3275

■ 8.4264, 7.2853,
12.5175

■ 13.0579, 14.5322,
13.6722

■ 7.5642, 6.0127,
12.3173

■ 14.5330, 16.9250,
14.0563

■ 6.8106, 4.9370,
12.1494

■ 16.1430, 19.5656,
14.4811

■ 6.1602, 4.0476,
12.0120

■ 17.8914, 22.4609,
14.9478

■ 5.6070, 3.3327,
11.9031

■ 19.7817, 25.6178,
15.4575

■ 5.1443, 2.7793,
11.8207

■ 21.8174, 29.0427,
16.0113

■ 4.7645, 2.3724,
11.7622

■ 24.0016, 32.7419,
16.6102

■ 4.4331, 2.0436,
11.7162

■ 26.3375, 36.7215,
17.2552

Harmonies

Analogous

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



10.1423, 10.4595, 13.6555



10.4963, 10.4595, 13.0209



10.7044, 10.4595, 11.9690

Triad

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



10.4963, 10.4595, 13.0209



10.1421, 10.4595, 9.3875



9.2157, 10.4595, 11.9696

Complementary

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



10.4963, 10.4595, 13.0209



10.5848, 11.7322, 11.1584

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.



9.2157, 10.4595, 10.8273



10.4963, 10.4595, 13.0209



9.7433, 10.4595, 9.3876

Square

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



10.4963, 10.4595, 13.0209



10.4961, 10.4595, 9.8984



9.4065, 10.4595, 9.8988



9.4066, 10.4595, 13.0214

Rectangle

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



10.4963, 10.4595, 13.0209



10.7288, 10.4595, 11.1971



9.4065, 10.4595, 9.8988



9.1935, 10.4595, 11.5823

Sweetspot

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



10.4966, 10.4599, 13.0211



19.6678, 20.3321, 23.1378



10.1650, 10.6864, 13.0823



4.6413, 4.7797, 5.4912



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.



10.4966, 10.4599, 13.0211



17.9650, 17.6599, 22.7118



10.7510, 10.5984, 12.7031



2.5936, 2.5896, 3.2084



5.8215, 2.6620, 15.5947



30.1394, 13.7257, 83.2654

Inverse Universe

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



10.5415, 10.5146, 11.5996



18.0643, 17.7786, 19.6660



10.3483, 11.6036, 11.4459



2.6042, 2.6026, 2.8700



7.0479, 3.5940, 2.1059



37.2780, 19.0506, 9.2839

Previews

White Background



This preview shows how the XYZ color 10.4963, 10.4595, 13.0209 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



This preview shows how the XYZ color 10.4963, 10.4595, 13.0209 looks on a 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 10.4963, 10.4595, 13.0209

Background



This preview shows how black text looks on a background with the XYZ color 10.4963, 10.4595, 13.0209.

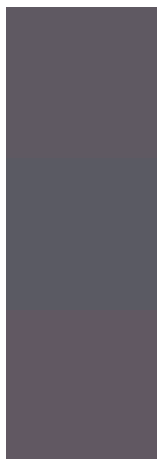


This preview shows how white text looks on a background with the XYZ color 10.4963, 10.4595,

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

10.4963, 10.4595, 13.0209

Protanopia

10.1247, 10.3868, 13.2756

Deuteranopia

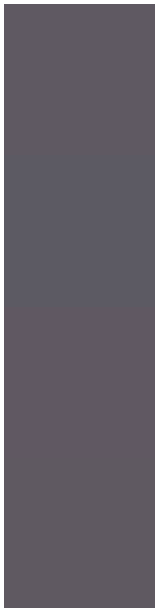
10.6241, 10.4027, 13.0032



Tritanopia

10.4030, 10.4222, 12.5297

Trichromacy



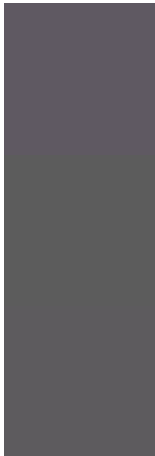
Original Color
10.4963, 10.4595, 13.0209

Protanomaly
10.3219, 10.4885, 13.2848

Deuteranomaly
10.5182, 10.3481, 12.9983

Tritanomaly
10.4494, 10.4407, 12.7738

Monochromacy



Original Color
10.4963, 10.4595, 13.0209

Achromatopsia
10.1725, 10.7023, 11.6548

Achromatomaly
10.2757, 10.6175, 12.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4963, 10.4595, 13.0209 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(95, 89, 98) looks like.

```
.text, #text, p{  
    color:rgb(95, 89, 98)  
}
```

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(95, 89, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 89, 98) }
```

Border

The CSS property to change the border of an element to XYZ 10.4963, 10.4595, 13.0209 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(95, 89, 98) }
```


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

```
.border{ border-color:rgb(95, 89, 98) }
```

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

Here you see how a box with a 4 pixel rgb(95, 89, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 89, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 89, 98);  
box-shadow:4px 4px 4px 4px rgb(95, 89, 98)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4963, 10.4595, 13.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 89, 98) }
```

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

```
.background{ background-color: rgb(95, 89,  
98) }
```

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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