

Converting Colors

XYZ(10.2301, 10.5153, 10.3758)

Have a look what the booklet for
XYZ(10.2301, 10.5153, 10.3758)
contains.

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Color

**XYZ(10.1597, 10.4710,
10.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	605A56
RGB	96, 90, 86
RGB Percent	38%, 35%, 34%
CMY	0.6235, 0.6470, 0.6627
CMYK	0.00, 0.06, 0.10, 0.62
HSL	24°, 5%, 36%
HSV	24°, 10%, 38%
XYZ	10.1597, 10.4710, 10.2897
YIQ	91.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

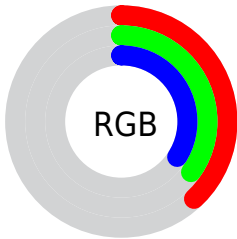
Format	Color
RYB	96, 93, 86
Decimal	6314582
CIELab	38.67, 1.63, 3.17
CIELCh	39, 3.561, 62.845
Yxy	10.4710, 0.3286, 0.3386
Android (android.graphics.Color)	4284504662 (0xFF605A56)
YUV	91.3380, -2.6316, 4.0886
Hunter-Lab	32.3589, -0.5846, 3.7978

Details

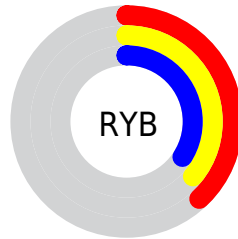
The XYZ color **10.1597, 10.4710, 10.2897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.7761, 10.4769, 12.5733**, and the grayscale version is **10.0262, 10.5483, 11.4871**.

A 20% lighter version of the original color is **25.8546, 26.7368, 27.0906**, and **2.6540, 2.7150, 2.4820** is the 20% darker color. If you saturate the color by 10%, you get **9.3317, 9.3929, 8.2319**, and if you desaturate by 10%, it is **11.0779, 11.6461, 12.6342**.

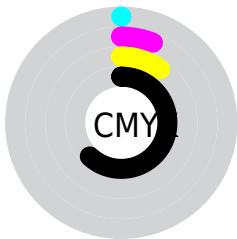
Distribution



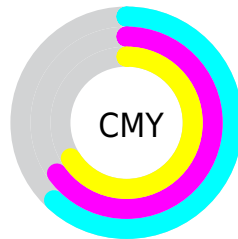
- Red (38%)
- Green (35%)
- Blue (34%)



- Red (38%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1597, 10.4710, 10.2897 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 10.1597, 10.4710, 10.2897 by changing the saturation by 10% instead.

■ 10.1597, 10.4710,
10.2897

■ 10.1597, 10.4710,
10.2897

185.8380,
194.0014, 203.2867

■ 5.5681, 5.7123,
5.4833

■ 25.7424, 26.6777,
26.9553

■ 2.6224, 2.6710,
2.4699

■ 37.4642, 38.8946,
39.6516

■ 0.9574, 0.9625,
0.8241

■ 52.2934, 54.3663,
55.8150

■ 0.0000, 0.0000,
0.0000

■ 70.5953, 73.4772,
75.8639

■ 92.7354, 96.6118,
100.2171

119.0790,

124.1545, 129.2929

149.9914,
156.4895, 163.5099

■ 10.1597, 10.4710,
10.2897

■ 10.1597, 10.4710,
10.2897

■ 9.3317, 9.3929,
8.2319

■ 11.0779, 11.6461,
12.6342

■ 8.5901, 8.4079,
6.4490

■ 12.0882, 12.9192,
15.2752

■ 7.9322, 7.5138,
4.9294

■ 13.1934, 14.2931,
18.2230

■ 7.3546, 6.7078,
3.6604

■ 14.3962, 15.7700,
21.4870

■ 6.8539, 5.9871,
2.6282

■ 15.6990, 17.3521,
25.0763

■ 6.4262, 5.3484,
1.8176

■ 17.1041, 19.0416,
28.9997

■ 6.0674, 4.7886,
1.2117

■ 18.6138, 20.8405,
33.2655

■ 5.7727, 4.3039,
0.7907

■ 20.2302, 22.7506,
37.8818

■ 5.5305, 3.9002,
0.4613

■ 21.9555, 24.7741,
42.8564

Harmonies

Analogous

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



10.3362, 10.4710, 10.7146



10.1597, 10.4710, 10.2897



9.9300, 10.4710, 10.1587

Triad

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



10.1597, 10.4710, 10.2897



9.5085, 10.4710, 11.4654



10.1991, 10.4710, 12.5215

Complementary

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



10.1597, 10.4710, 10.2897



9.7761, 10.4769, 12.5733

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.



9.9748, 10.4710, 12.7409



10.1597, 10.4710, 10.2897



9.5781, 10.4710, 12.1164

Square

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



10.1597, 10.4710, 10.2897



9.5563, 10.4710, 10.8215



9.7479, 10.4710, 12.5899



10.3592, 10.4710, 12.0011

Rectangle

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



10.1597, 10.4710, 10.2897



9.7782, 10.4710, 10.2514



9.7479, 10.4710, 12.5899



10.1286, 10.4710, 12.6338

Sweetspot

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



10.1600, 10.4715, 10.2899



18.9597, 19.8337, 20.9830



10.0835, 9.9152, 11.5076



4.6805, 4.8900, 5.1404



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.



10.1600, 10.4715, 10.2899



17.5027, 17.9619, 17.2838



10.5958, 11.3431, 10.4352



2.6468, 2.7368, 2.7329



7.6424, 5.3275, 0.6255



40.0103, 26.8267, 3.0693

Inverse Universe

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



9.7761, 10.4769, 12.5733



16.7142, 17.9731, 21.9735



9.3574, 9.6395, 12.4337



2.5617, 2.7380, 3.2387



4.9605, 5.2237, 16.1345



25.6214, 26.1489, 85.9015

Previews

White Background



This preview shows how the XYZ color 10.1597, 10.4710, 10.2897 looks on a white background.

Color Contrast Check

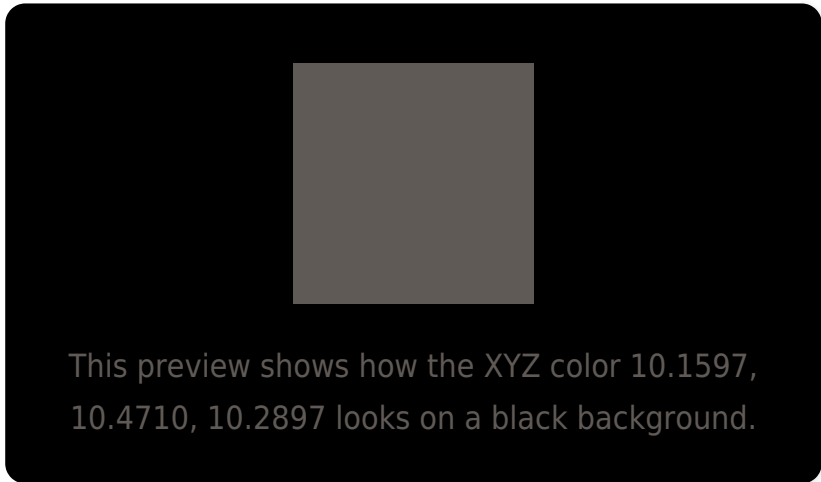
Large Text (above 18pt) WCAG AA ✓ Pass

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

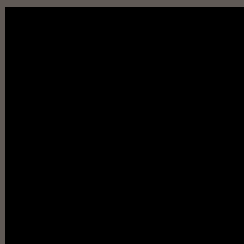
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

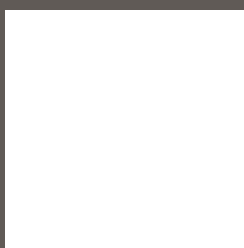
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1597, 10.4710, 10.2897

Background



This preview shows how black text looks on a background with the XYZ color 10.1597, 10.4710, 10.2897.



This preview shows how white text looks on a background with the XYZ color 10.1597, 10.4710,

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

10.1597, 10.4710, 10.2897

Protanopia

10.0369, 10.5337, 10.3083

Deuteranopia

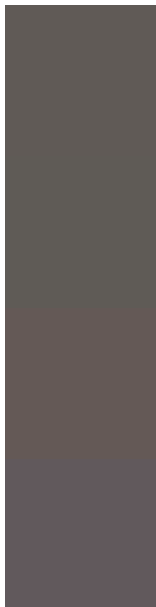
10.6489, 10.4761, 10.2649



Tritanopia

10.6135, 10.5307, 12.5396

Trichromacy



Original Color

10.1597, 10.4710, 10.2897

Protanomaly

10.1401, 10.5870, 10.3131

Deuteranomaly

10.5076, 10.5260, 10.2820

Tritanomaly

10.4339, 10.4589, 11.5940

Monochromacy



Original Color

10.1597, 10.4710, 10.2897

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0585, 10.5306, 10.9537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1597, 10.4710, 10.2897 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(96, 90, 86) looks like.

```
.text, #text, p{  
    color:rgb(96, 90, 86)  
}
```

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(96, 90, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 90, 86) }
```

Border

The CSS property to change the border of an element to XYZ 10.1597, 10.4710, 10.2897 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(96, 90, 86) }
```


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

```
.border{ border-color:rgb(96, 90, 86) }
```

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

Here you see how a box with a 4 pixel rgb(96, 90, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 90, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 90, 86);  
box-shadow:4px 4px 4px 4px rgb(96, 90, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1597, 10.4710, 10.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 90, 86) }
```

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

```
.background{ background-color: rgb(96, 90,  
86) }
```

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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