

Converting Colors

XYZ(10.1788, 10.5317, 13.4138)

Have a look what the booklet for
XYZ(10.1788, 10.5317, 13.4138)
contains.

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Color

**XYZ(10.2097, 10.5567,
13.3039)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5B63
RGB	90, 91, 99
RGB Percent	35%, 36%, 39%
CMY	0.6471, 0.6431, 0.6118
CMYK	0.09, 0.08, 0.00, 0.61
HSL	233°, 5%, 37%
HSV	233°, 9%, 39%
XYZ	10.2097, 10.5567, 13.3039
YIQ	91.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

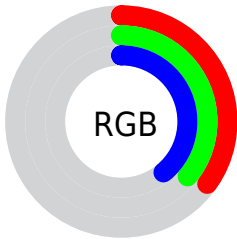
Format	Color
RYB	90, 91, 99
Decimal	5921635
CIELab	38.82, 1.37, -4.72
CIELCh	39, 4.916, 286.215
Yxy	10.5567, 0.2997, 0.3099
Android (android.graphics.Color)	4284111715 (0xFF5A5B63)
YUV	91.6130, 3.6418, -1.4146
Hunter-Lab	32.4911, -0.7692, -1.5333

Details

The XYZ color **10.2097, 10.5567, 13.3039** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3588, 12.1262, 11.4151**, and the grayscale version is **10.0765, 10.6013, 11.5448**.

A 20% lighter version of the original color is **25.8451, 26.8272, 32.6701**, and **2.6197, 2.6693, 3.7453** is the 20% darker color. If you saturate the color by 10%, you get **8.6016, 8.6761, 13.0258**, and if you desaturate by 10%, it is **12.0349, 12.6808, 13.6179**.

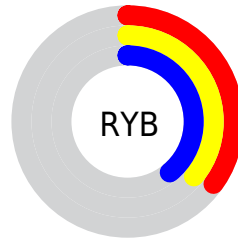
Distribution



Red (35%)

Green (36%)

Blue (39%)



Red (35%)

Yellow (36%)

Blue (39%)

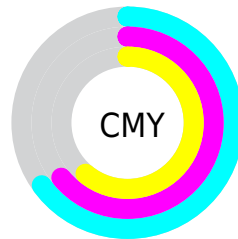


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (61%)



Cyan (65%)

Magenta (64%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2097, 10.5567, 13.3039 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 10.2097, 10.5567, 13.3039 by changing the saturation by 10% instead.

■ 10.2097, 10.5567,
13.3039

■ 10.2097, 10.5567,
13.3039

186.1848,
194.6005, 224.1320

■ 5.6015, 5.7696,
7.5050

■ 25.8353, 26.8375,
32.5478

■ 2.6427, 2.7055,
3.6967

■ 37.5834, 39.0999,
46.8299

■ 0.9678, 0.9800,
1.4605

■ 52.4423, 54.6229,
64.7768

■ 0.0000, 0.0000,
0.1882

■ 70.7772, 73.7909,
86.8070

■ 0.0000, 0.0000,
0.0000

■ 92.9536, 96.9883,
113.3391

119.3367,

124.5994, 144.7916

150.2920,
157.0087, 181.5831

■ 10.2097, 10.5567,
13.3039

■ 10.2097, 10.5567,
13.3039

■ 8.6016, 8.6761,
13.0258

■ 12.0349, 12.6808,
13.6179

■ 7.2017, 7.0289,
12.7817

■ 14.0839, 15.0553,
13.9682

■ 6.0016, 5.6064,
12.5704

■ 16.3644, 17.6883,
14.3562

■ 4.9922, 4.3989,
12.3905

■ 18.8832, 20.5876,
14.7831

■ 4.1637, 3.3958,
12.2405

■ 21.6471, 23.7601,
15.2498

■ 3.5051, 2.5857,
12.1189

■ 24.6623, 27.2129,
15.7573

■ 3.0046, 1.9560,
12.0237

■ 27.9351, 30.9525,
16.3066

■ 2.6486, 1.4928,
11.9531

■ 31.4713, 34.9856,
16.8987

■ 2.3926, 1.1651,
11.9033

■ 35.2768, 39.3182,
17.5344

Harmonies

Analogous

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



9.8854, 10.5567, 13.3256



10.2097, 10.5567, 13.3039



10.4927, 10.5567, 12.7806

Triad

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



10.2097, 10.5567, 13.3039



10.4734, 10.5567, 10.2478



9.4379, 10.5567, 11.0724

Complementary

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



10.2097, 10.5567, 13.3039



11.3588, 12.1262, 11.4151

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.



9.5885, 10.5567, 10.2976



10.2097, 10.5567, 13.3039



10.1838, 10.5567, 9.8392

Square

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



10.2097, 10.5567, 13.3039



10.6472, 10.5567, 11.0009



9.8600, 10.5567, 9.8570



9.4445, 10.5567, 12.0025

Rectangle

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



10.2097, 10.5567, 13.3039



10.6178, 10.5567, 12.2330



9.8600, 10.5567, 9.8570



9.4717, 10.5567, 10.7862

Sweetspot

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



10.2100, 10.5571, 13.3041



19.3490, 20.2468, 23.1382



10.8807, 11.9784, 13.2817



4.5498, 4.7551, 5.4913



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.



10.2100, 10.5571, 13.3041



16.8695, 17.3571, 22.7111



10.4684, 10.5642, 13.2919



2.4707, 2.5560, 3.2084



3.0732, 1.4491, 15.5054



16.0679, 7.0419, 82.7170

Inverse Universe

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



10.6903, 10.7206, 11.4039



17.8818, 17.7057, 18.7053



11.0842, 12.1245, 11.4292



2.5836, 2.5944, 2.7617



6.7769, 3.4856, 0.6790



36.0274, 18.5504, 2.6983

Previews

White Background



This preview shows how the XYZ color 10.2097, 10.5567, 13.3039 looks on a white background.

Color Contrast Check

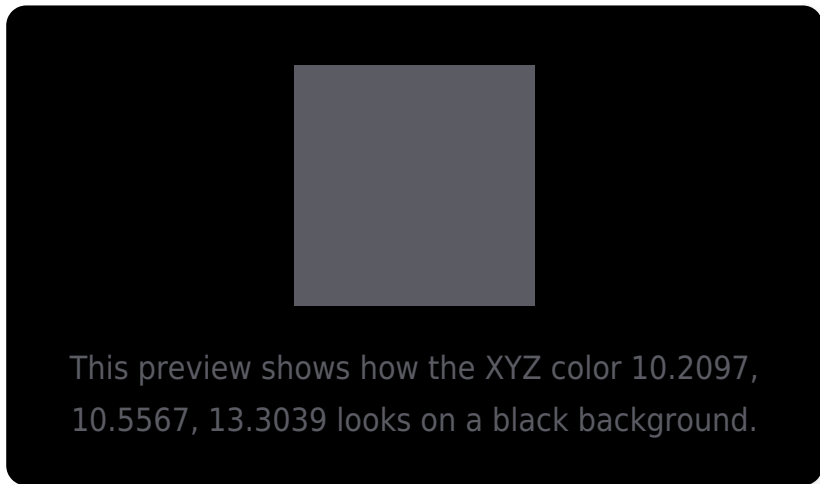
Large Text (above 18pt) WCAG AA ✓ Pass

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

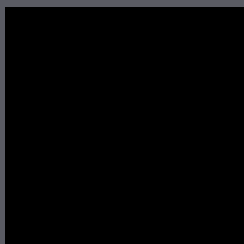
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

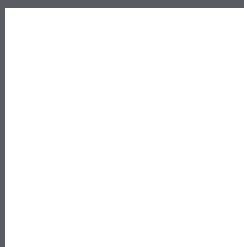
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.2097, 10.5567, 13.3039

Background



This preview shows how black text looks on a background with the XYZ color 10.2097, 10.5567, 13.3039.



This preview shows how white text looks on a background with the XYZ color 10.2097, 10.5567,

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

10.2097, 10.5567, 13.3039

Protanopia

10.3076, 10.6072, 13.3085

Deuteranopia

10.7543, 10.5870, 13.2811



Tritanopia

10.1621, 10.5377, 13.0536

Trichromacy

**Original Color**

10.2097, 10.5567, 13.3039

Protanomaly

10.3076, 10.6072, 13.3085

Deuteranomaly

10.5244, 10.5929, 13.2943

Tritanomaly

10.1621, 10.5377, 13.0536

Monochromacy

**Original Color**

10.2097, 10.5567, 13.3039

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.2071, 10.7047, 12.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2097, 10.5567, 13.3039 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(90, 91, 99) looks like.

```
.text, #text, p{  
    color:rgb(90, 91, 99)  
}
```

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(90, 91, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 91, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.2097, 10.5567, 13.3039 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(90, 91, 99) }
```


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

```
.border{ border-color:rgb(90, 91, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 91, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 91, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 91, 99);  
box-shadow:4px 4px 4px 4px rgb(90, 91, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2097, 10.5567, 13.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 91, 99) }
```

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

```
.background{ background-color: rgb(90, 91,  
99) }
```

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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