

Converting Colors

XYZ(10.5008, 10.2347, 13.4516)

Have a look what the booklet for
XYZ(10.5008, 10.2347, 13.4516)
contains.

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Color

**XYZ(10.5323, 10.2233,
13.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	605764
RGB	96, 87, 100
RGB Percent	38%, 34%, 39%
CMY	0.6235, 0.6588, 0.6078
CMYK	0.04, 0.13, 0.00, 0.61
HSL	282°, 7%, 37%
HSV	282°, 13%, 39%
XYZ	10.5323, 10.2233, 13.4748
YIQ	91.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

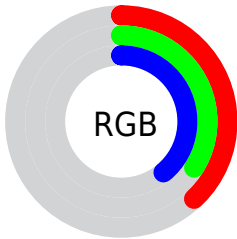
Format	Color
R_{YB}	96, 87, 100
Decimal	6313828
CIE Lab	38.24, 6.36, -6.15
CIE LCh	38, 8.850, 315.986
Yxy	10.2233, 0.3077, 0.2987
Android (android.graphics.Color)	4284503908 (0xFF605764)
YUV	91.1730, 4.3517, 4.2333
Hunter-Lab	31.9739, 2.8441, -2.6049

Details

The XYZ color **10.5323, 10.2233, 13.4748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5923, 12.0269, 10.7805**, and the grayscale version is **9.9738, 10.4932, 11.4271**.

A 20% lighter version of the original color is **26.5642, 26.3287, 32.9600**, and **2.7860, 2.5911, 3.7215** is the 20% darker color. If you saturate the color by 10%, you get **9.4607, 8.5513, 13.2087**, and if you desaturate by 10%, it is **11.7293, 12.1270, 13.7793**.

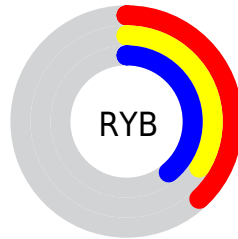
Distribution



Red (38%)

Green (34%)

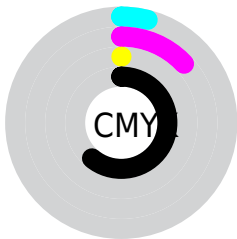
Blue (39%)



Red (38%)

Yellow (34%)

Blue (39%)

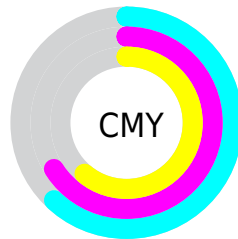


Cyan (4%)

Magenta (13%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (66%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5323, 10.2233, 13.4748 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 10.5323, 10.2233, 13.4748 by changing the saturation by 10% instead.

■ 10.5323, 10.2233,
13.4748

■ 10.5323, 10.2233,
13.4748

188.4054,
192.2585, 225.2522

■ 5.8182, 5.5473,
7.6217

■ 26.4327, 26.2147,
32.8578

■ 2.7745, 2.5718,
3.7696

■ 38.3497, 38.2988,
47.2248

■ 1.0357, 0.9125,
1.4998

■ 53.3985, 53.6211,
65.2669

■ 0.0000, 0.0000,
0.2178

■ 71.9443, 72.5659,
87.4026

■ 0.0000, 0.0000,
0.0000

■ 94.3526, 95.5176,
114.0504

120.9886,

122.8607, 145.6290

152.2178,
154.9795, 182.5567

■ 10.5323, 10.2233,
13.4748

■ 10.5323, 10.2233,
13.4748

■ 9.4607, 8.5513,
13.2087

■ 11.7293, 12.1270,
13.7793

■ 8.5090, 7.1006,
12.9789

■ 13.0554, 14.2699,
14.1231

■ 7.6723, 5.8617,
12.7838

■ 14.5150, 16.6607,
14.5076

■ 6.9454, 4.8239,
12.6218

■ 16.1122, 19.3073,
14.9342

■ 6.3221, 3.9756,
12.4909

■ 17.8509, 22.2170,
15.4042

■ 5.7962, 3.3042,
12.3891

■ 19.7347, 25.3972,
15.9188

■ 5.3601, 2.7951,
12.3138

■ 21.7671, 28.8548,
16.4790

■ 5.0028, 2.4261,
12.2614

■ 23.9517, 32.5963,
17.0861

■ 4.7705, 2.1936,
12.2287

■ 26.2918, 36.6283,
17.7410

Harmonies

Analogous

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



10.0240, 10.2233, 14.4542



10.5323, 10.2233, 13.4748



10.8273, 10.2233, 11.9144

Triad

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



10.5323, 10.2233, 13.4748



9.9866, 10.2233, 8.3382



8.6943, 10.2233, 12.0246

Complementary

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



10.5323, 10.2233, 13.4748



10.5923, 12.0269, 10.7805

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.



8.6852, 10.2233, 10.3836



10.5323, 10.2233, 13.4748



9.4162, 10.2233, 8.3614

Square

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



10.5323, 10.2233, 13.4748



10.5040, 10.2233, 9.0099



8.9448, 10.2233, 9.0768



8.9702, 10.2233, 13.5623

Rectangle

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



10.5323, 10.2233, 13.4748



10.8562, 10.2233, 10.8051



8.9448, 10.2233, 9.0768



8.6603, 10.2233, 11.4642

Sweetspot

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



10.5326, 10.2237, 13.4750



20.3168, 20.8659, 24.0934



9.9822, 10.4489, 13.5475



4.9675, 5.0836, 5.9202



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.5326, 10.2237, 13.4750



17.7882, 16.8608, 23.4536



10.8506, 10.4008, 12.8965



2.8581, 2.8489, 3.5312



6.3409, 2.9130, 16.3724



32.1484, 14.7173, 85.3477

Inverse Universe

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



10.5525, 10.2815, 11.3265



17.8399, 16.9915, 18.7546



10.3074, 11.8686, 11.2839



2.8610, 2.8590, 3.1403



7.3455, 3.7511, 1.9516



37.9586, 19.4234, 8.3253

Previews

White Background



This preview shows how the XYZ color 10.5323, 10.2233, 13.4748 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 10.5323, 10.2233, 13.4748 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 10.5323, 10.2233, 13.4748

Background



This preview shows how black text looks on a background with the XYZ color 10.5323, 10.2233, 13.4748.

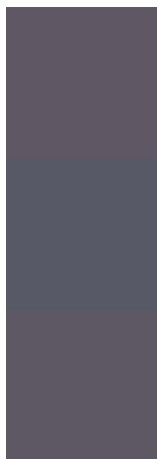


This preview shows how white text looks on a background with the XYZ color 10.5323, 10.2233,

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

10.5323, 10.2233, 13.4748

Protanopia

9.9952, 10.1788, 14.0083

Deuteranopia

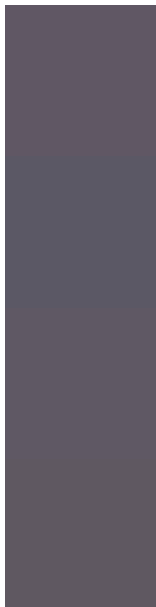
10.4061, 10.2792, 13.4922



Tritanopia

10.2746, 10.2386, 12.2612

Trichromacy



Original Color

10.5323, 10.2233, 13.4748

Protanomaly

10.1531, 10.1432, 13.7346

Deuteranomaly

10.5093, 10.3324, 13.4971

Tritanomaly

10.3667, 10.2754, 12.7462

Monochromacy



Original Color

10.5323, 10.2233, 13.4748

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.1907, 10.4476, 12.0692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5323, 10.2233, 13.4748 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, 87, 100) looks like.

```
.text, #text, p{  
    color:rgb(96, 87, 100)  
}
```

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, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 87, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.5323, 10.2233, 13.4748 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, 87, 100) }
```


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

```
.border{ border-color:rgb(96, 87, 100) }
```

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

Here you see how a box with a 4 pixel rgb(96, 87, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 87,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5323, 10.2233, 13.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 87, 100) }
```

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

```
.background{ background-color: rgb(96, 87,  
100) }
```

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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