

Converting Colors

XYZ(10.0581, 10.3892, 13.3050)

Have a look what the booklet for
XYZ(10.0581, 10.3892, 13.3050)
contains.

XYZ(10.0281, 10.3370, 13.2711) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(10.0281, 10.3370,
13.2711)**

Conversions

Conversions Part 1	
Format	Color
Hex	595A63
RGB	89, 90, 99
RGB Percent	35%, 35%, 39%
CMY	0.6510, 0.6471, 0.6118
CMYK	0.10, 0.09, 0.00, 0.61
HSL	234°, 5%, 37%
HSV	234°, 10%, 39%
XYZ	10.0281, 10.3370, 13.2711
YIQ	90.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

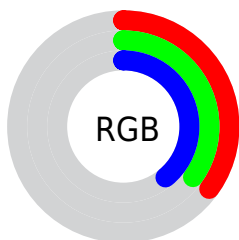
Format	Color
RYB	89, 90, 99
Decimal	5855843
CIELab	38.44, 1.61, -5.30
CIELCh	38, 5.537, 286.859
Yxy	10.3370, 0.2981, 0.3073
Android (android.graphics.Color)	4284045923 (0xFF595A63)
YUV	90.7270, 4.0786, -1.5146
Hunter-Lab	32.1512, -0.5897, -1.9674

Details

The XYZ color **10.0281, 10.3370, 13.2711** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3165, 12.1092, 11.1922**, and the grayscale version is **9.8739, 10.3881, 11.3126**.

A 20% lighter version of the original color is **25.5306, 26.4471, 32.6134**, and **2.5773, 2.6474, 3.7433** is the 20% darker color. If you saturate the color by 10%, you get **8.4344, 8.4662, 12.9942**, and if you desaturate by 10%, it is **11.8403, 12.4547, 13.5845**.

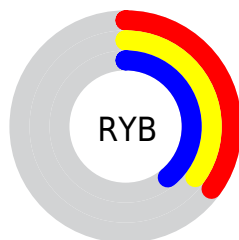
Distribution



Red (35%)

Green (35%)

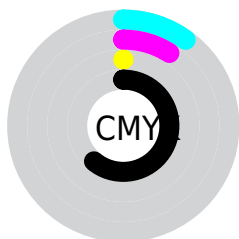
Blue (39%)



Red (35%)

Yellow (35%)

Blue (39%)

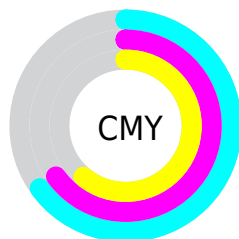


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (61%)



Cyan (65%)


Magenta (65%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.0281, 10.3370, 13.2711 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 10.0281, 10.3370, 13.2711 by changing the saturation by 10% instead.


 10.0281, 10.3370,
13.2711


 10.0281, 10.3370,
13.2711


184.9219,
193.0607, 223.9164

 5.4800, 5.6230,
7.4826


 25.4975, 26.4275,
32.4883


 2.5692, 2.6172,
3.6827


 37.1496, 38.5727,
46.7540


 0.9303, 0.9353,
1.4529

 51.9003, 53.9637,
64.6825

 0.0000, 0.0000,
0.1825

 70.1151, 72.9851,
86.6924

 0.0000, 0.0000,
0.0000

 92.1593, 96.0210,
113.2022

118.3983,

123.4560, 144.6305

149.1974,
155.6744, 181.3957

■ 10.0281, 10.3370,
13.2711

■ 10.0281, 10.3370,
13.2711

■ 8.4344, 8.4662,
12.9942

■ 11.8403, 12.4547,
13.5845

■ 7.0500, 6.8321,
12.7517

■ 13.8779, 14.8266,
13.9349

■ 5.8665, 5.4255,
12.5426

■ 16.1486, 17.4610,
14.3238

■ 4.8745, 4.2365,
12.3654

■ 18.6595, 20.3659,
14.7521

■ 4.0639, 3.2540,
12.2184

■ 21.4172, 23.5485,
15.2211

■ 3.4236, 2.4662,
12.1001

■ 24.4285, 27.0159,
15.7316

■ 2.9414, 1.8600,
12.0086

■ 27.6994, 30.7752,
16.2848

■ 2.6032, 1.4208,
11.9416

■ 31.2360, 34.8328,
16.8816

■ 2.3598, 1.1161,
11.8956

■ 35.0442, 39.1951,
17.5230

Harmonies

Analogous

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



9.6677, 10.3370, 13.3085



10.0281, 10.3370, 13.2711



10.3413, 10.3370, 12.6729

Triad

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



10.0281, 10.3370, 13.2711



10.3083, 10.3370, 9.8635



9.1632, 10.3370, 10.8085

Complementary

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



10.0281, 10.3370, 13.2711



11.3165, 12.1092, 11.1922

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.



9.3262, 10.3370, 9.9474



10.0281, 10.3370, 13.2711



9.9840, 10.3370, 9.4249

Square

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



10.0281, 10.3370, 13.2711



10.5058, 10.3370, 10.6874



9.6247, 10.3370, 9.4546



9.1743, 10.3370, 11.8429

Rectangle

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



10.0281, 10.3370, 13.2711



10.4785, 10.3370, 12.0563



9.6247, 10.3370, 9.4546



9.1993, 10.3370, 10.4905

Sweetspot

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



10.0284, 10.3374, 13.2713



19.3437, 20.2361, 23.1364



10.7786, 11.9264, 13.2482



4.5483, 4.7521, 5.4908



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.



10.0284, 10.3374, 13.2713



16.5581, 16.9775, 22.6542



10.3220, 10.3643, 13.2610



2.4687, 2.5520, 3.2077



3.0582, 1.4191, 15.5004



16.0103, 6.9268, 82.6978

Inverse Universe

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



10.5637, 10.5358, 11.1502



17.6653, 17.3919, 18.2656



11.0018, 12.0870, 11.2045



2.5826, 2.5940, 2.7563



6.7693, 3.4826, 0.6392



35.9983, 18.5388, 2.5453

Previews

White Background



This preview shows how the XYZ color 10.0281, 10.3370, 13.2711 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 10.0281, 10.3370, 13.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

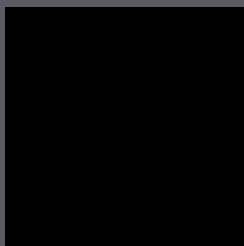
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

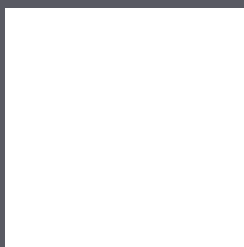
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0281, 10.3370, 13.2711

Background



This preview shows how black text looks on a background with the XYZ color 10.0281, 10.3370, 13.2711.



This preview shows how white text looks on a background with the XYZ color 10.0281, 10.3370,

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

10.0281, 10.3370, 13.2711

Protanopia

10.1247, 10.3868, 13.2756

Deuteranopia

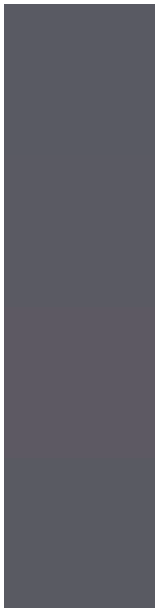
10.4612, 10.3132, 13.2437



Tritanopia

9.9337, 10.2992, 12.7737

Trichromacy



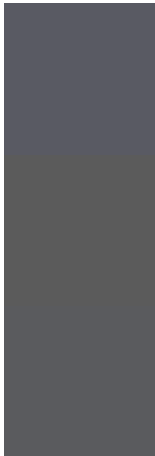
Original Color
10.0281, 10.3370, 13.2711

Protanomaly
10.1247, 10.3868, 13.2756

Deuteranomaly
10.3387, 10.3728, 13.2616

Tritanomaly
9.9806, 10.3180, 13.0208

Monochromacy



Original Color
10.0281, 10.3370, 13.2711

Achromatopsia
9.9438, 10.4616, 11.3927

Achromatomaly
9.9779, 10.4640, 12.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0281, 10.3370, 13.2711 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(89, 90, 99) looks like.

```
.text, #text, p{  
    color:rgb(89, 90, 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(89, 90, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 90, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.0281, 10.3370, 13.2711 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(89, 90, 99) }
```


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

```
.border{ border-color:rgb(89, 90, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 90, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 90, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 90, 99);  
box-shadow:4px 4px 4px 4px rgb(89, 90, 99)  
}
```


Background

The CSS property to change the background color of an element to XYZ 10.0281, 10.3370, 13.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 90, 99) }
```

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

```
.background{ background-color: rgb(89, 90,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor