

Converting Colors

XYZ(10.5266, 11.2876, 16.0920)

Have a look what the booklet for
XYZ(10.5266, 11.2876, 16.0920)
contains.

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Color

**XYZ(10.5105, 11.3089,
16.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	53606D
RGB	83, 96, 109
RGB Percent	33%, 38%, 43%
CMY	0.6745, 0.6235, 0.5725
CMYK	0.24, 0.12, 0.00, 0.57
HSL	210°, 14%, 38%
HSV	210°, 24%, 43%
XYZ	10.5105, 11.3089, 16.0969
YIQ	93.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

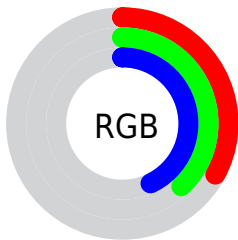
Format	Color
R_{YB}	83, 92, 109
Decimal	5464173
CIE Lab	40.10, -1.80, -9.04
CIE LCh	40, 9.213, 258.733
Yxy	11.3089, 0.2772, 0.2983
Android (android.graphics.Color)	4283654253 (0xFF53606D)
YUV	93.5950, 7.5947, -9.2918
Hunter-Lab	33.6287, -3.0609, -4.8400

Details


The XYZ color **10.5105, 11.3089, 16.0969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0510, 12.2416, 9.9116**, and the grayscale version is **10.5289, 11.0772, 12.0630**.

A 20% lighter version of the original color is **26.2969, 28.0824, 37.2922**, and **2.7731, 3.0223, 4.9946** is the 20% darker color. If you saturate the color by 10%, you get **9.1434, 9.8917, 15.8956**, and if you desaturate by 10%, it is **12.0640, 12.8740, 16.3173**.

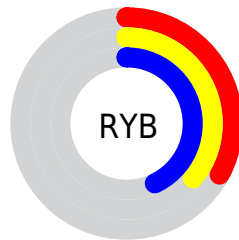
Distribution



 Red (33%)

 Green (38%)

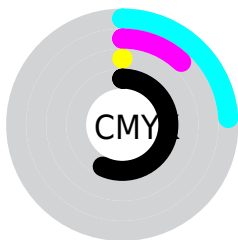
 Blue (43%)





 Red (33%)

 Yellow (36%)

 Blue (43%)

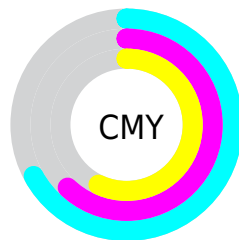


 Cyan (24%)

 Magenta (12%)

 Yellow (0%)

 Black (57%)



 Cyan (67%)

 Magenta (62%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5105, 11.3089, 16.0969 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 10.5105, 11.3089, 16.0969 by changing the saturation by 10% instead.

■ 10.5105, 11.3089,
16.0969

■ 10.5105, 11.3089,
16.0969

188.2563,
199.7747, 241.7780

■ 5.8036, 6.2750,
9.4377

■ 26.3924, 28.2300,
37.5355

■ 2.7655, 3.0130,
4.9270

■ 38.2981, 40.8859,
53.1519

■ 1.0310, 1.1385,
2.1465

■ 53.3342, 56.8514,
72.5911

■ 0.0000, 0.0106,
0.6433

■ 71.8658, 76.5107,
96.2716

■ 0.0000, 0.0000,
0.0000

■ 94.2585, 100.2483,
124.6121

120.8776,

128.4486, 158.0309

152.0884,
161.4959, 196.9467

■ 10.5105, 11.3089,
16.0969

■ 10.5105, 11.3089,
16.0969

■ 9.1434, 9.8917,
15.8956

■ 12.0640, 12.8740,
16.3173

■ 7.9539, 8.6159,
15.7120

■ 13.8102, 14.5902,
16.5565

■ 6.9340, 7.4766,
15.5459

■ 15.7562, 16.4627,
16.8154

■ 6.0747, 6.4682,
15.3965

■ 17.9085, 18.4956,
17.0943

■ 5.3661, 5.5842,
15.2633

■ 20.2734, 20.6931,
17.3939

■ 4.7968, 4.8178,
15.1453

■ 22.8567, 23.0591,
17.7144

■ 4.3500, 4.1589,
15.0417

■ 25.6642, 25.5975,
18.0564

■ 4.1031, 3.7897,
14.9834

■ 28.7012, 28.3119,
18.4202

■ 31.9732, 31.2059,
18.8064

Harmonies

Analogous

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



9.9586, 11.3089, 15.1523



10.5105, 11.3089, 16.0969



11.1482, 11.3089, 15.9555

Triad

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



10.5105, 11.3089, 16.0969



11.9548, 11.3089, 11.2176



9.8514, 11.3089, 10.1353

Complementary

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



10.5105, 11.3089, 16.0969



12.0510, 12.2416, 9.9116

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.



10.3590, 11.3089, 9.2726



10.5105, 11.3089, 16.0969



11.5797, 11.3089, 9.8534

Square

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



10.5105, 11.3089, 16.0969



11.9993, 11.3089, 13.0138



10.9906, 11.3089, 9.1748



9.5882, 11.3089, 11.6387

Rectangle

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



10.5105, 11.3089, 16.0969



11.5360, 11.3089, 15.2674



10.9906, 11.3089, 9.1748



9.9982, 11.3089, 9.7675

Sweetspot

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



10.5108, 11.3094, 16.0972



23.6449, 25.0680, 29.4996



11.1276, 13.6131, 13.0034



5.4762, 5.8079, 6.8612



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.5108, 11.3094, 16.0972



17.3245, 18.7089, 28.6053



9.4544, 9.1965, 15.7450



3.0617, 3.2518, 3.9012



4.7748, 4.3840, 17.5168



23.4609, 20.6004, 88.9660

Inverse Universe

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



11.5116, 10.2826, 12.4449



19.5033, 16.6122, 20.6220



13.2908, 14.7210, 10.3249



3.1570, 3.1397, 3.5569



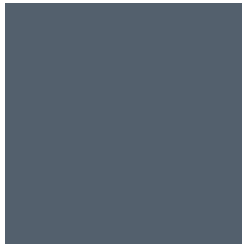
8.1570, 4.1149, 4.4552



41.1248, 20.7919, 20.3916

Previews

White Background



This preview shows how the XYZ color 10.5105, 11.3089, 16.0969 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 10.5105, 11.3089, 16.0969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

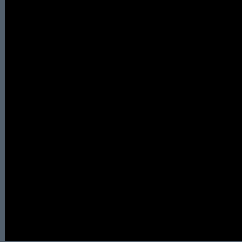
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

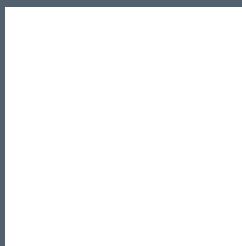
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.5105, 11.3089, 16.0969

Background



This preview shows how black text looks on a background with the XYZ color 10.5105, 11.3089, 16.0969.

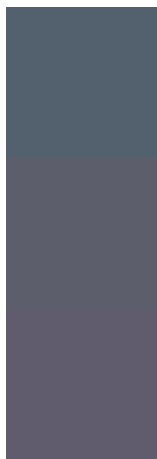


This preview shows how white text looks on a background with the XYZ color 10.5105, 11.3089,

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

10.5105, 11.3089, 16.0969

Protanopia

11.0702, 11.3423, 15.5157

Deuteranopia

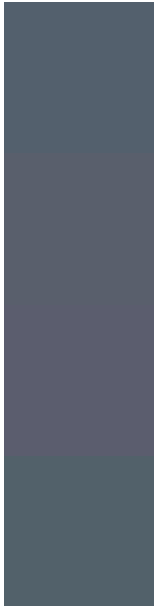
11.4655, 11.2669, 16.3223



Tritanopia

10.2531, 11.3427, 14.7457

Trichromacy



Original Color

10.5105, 11.3089, 16.0969

Protanomaly

10.9188, 11.3910, 15.8106

Deuteranomaly

11.0432, 11.1786, 16.3275

Tritanomaly

10.3559, 11.3838, 15.2872

Monochromacy



Original Color

10.5105, 11.3089, 16.0969

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5608, 11.2589, 13.4210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5105, 11.3089, 16.0969 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(83, 96, 109) looks like.

```
.text, #text, p{  
    color:rgb(83, 96, 109)  
}
```

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(83, 96, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 96, 109) }
```

Border

The CSS property to change the border of an element to XYZ 10.5105, 11.3089, 16.0969 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(83, 96, 109) }
```


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

```
.border{ border-color:rgb(83, 96, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 96, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 96, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 96, 109);  
box-shadow:4px 4px 4px 4px rgb(83, 96,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5105, 11.3089, 16.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 96, 109) }
```

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

```
.background{ background-color: rgb(83, 96,  
109) }
```

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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