

Converting Colors

XYZ(10.6937, 11.2510, 16.4578)

Have a look what the booklet for
XYZ(10.6937, 11.2510, 16.4578)
contains.

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Color

**XYZ(10.6530, 11.2415,
16.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	555F6E
RGB	85, 95, 110
RGB Percent	33%, 37%, 43%
CMY	0.6667, 0.6274, 0.5686
CMYK	0.23, 0.14, 0.00, 0.57
HSL	216°, 13%, 38%
HSV	216°, 23%, 43%
XYZ	10.6530, 11.2415, 16.3602
YIQ	93.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

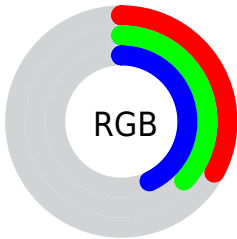
Format	Color
R_{YB}	85, 92, 110
Decimal	5594990
CIE Lab	39.98, -0.24, -9.80
CIE LCh	40, 9.804, 268.603
Yxy	11.2415, 0.2785, 0.2939
Android (android.graphics.Color)	4283785070 (0xFF555F6E)
YUV	93.7200, 8.0260, -7.6474
Hunter-Lab	33.5283, -1.9596, -5.4608

Details

The XYZ color **10.6530, 11.2415, 16.3602** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6274, 13.0853, 10.4548**, and the grayscale version is **10.5570, 11.1068, 12.0953**.

A 20% lighter version of the original color is **26.6387, 28.0103, 38.1849**, and **2.8045, 2.9758, 4.9840** is the 20% darker color. If you saturate the color by 10%, you get **9.1615, 9.6274, 16.1274**, and if you desaturate by 10%, it is **12.3509, 13.0373, 16.6175**.

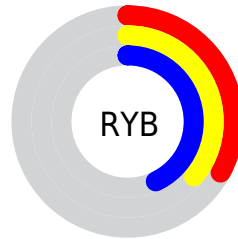
Distribution



Red (33%)

Green (37%)

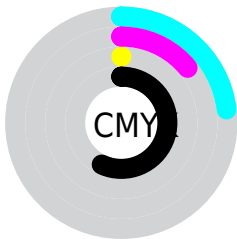
Blue (43%)



Red (33%)

Yellow (36%)

Blue (43%)

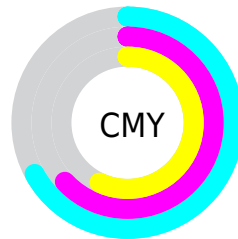


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (57%)



Cyan (67%)

Magenta (63%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6530, 11.2415, 16.3602 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 10.6530, 11.2415, 16.3602 by changing the saturation by 10% instead.

■ 10.6530, 11.2415,
16.3602

■ 10.6530, 11.2415,
16.3602

189.2291,
199.3170, 243.3758

■ 5.8996, 6.2295,
9.6223

■ 26.6554, 28.1059,
37.9979

■ 2.8242, 2.9851,
5.0469

■ 38.6350, 40.7271,
53.7347

■ 1.0615, 1.1240,
2.2156

■ 53.7542, 56.6534,
73.3082

■ 0.0000, 0.0000,
0.6834

■ 72.3781, 76.2694,
97.1371

■ 0.0000, 0.0000,
0.0000

■ 94.8722, 99.9593,
125.6397

121.6018,

128.1077, 159.2346

152.9323,
161.0987, 198.3405

■ 10.6530, 11.2415,
16.3602

■ 10.6530, 11.2415,
16.3602

■ 9.1615, 9.6274,
16.1274

■ 12.3509, 13.0373,
16.6175

■ 7.8669, 8.1875,
15.9177

■ 14.2619, 15.0193,
16.8994

■ 6.7606, 6.9157,
15.7306

■ 16.3940, 17.1936,
17.2067

■ 5.8328, 5.8049,
15.5651

■ 18.7542, 19.5654,
17.5401

■ 5.0728, 4.8475,
15.4203

■ 21.3492, 22.1398,
17.9002

■ 4.4686, 4.0352,
15.2954

■ 24.1856, 24.9217,
18.2877

■ 4.0048, 3.3578,
15.1891

■ 27.2695, 27.9160,
18.7031

■ 3.7154, 2.9275,
15.1213

■ 30.6069, 31.1270,
19.1470

■ 34.2036, 34.5594,
19.6199

Harmonies

Analogous

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



10.0205, 11.2415, 15.7078



10.6530, 11.2415, 16.3602



11.3204, 11.2415, 15.8154

Triad

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



10.6530, 11.2415, 16.3602



11.8694, 11.2415, 10.5399



9.6112, 11.2415, 10.3980

Complementary

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



10.6530, 11.2415, 16.3602



12.6274, 13.0853, 10.4548

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.



10.0733, 11.2415, 9.2488



10.6530, 11.2415, 16.3602



11.3776, 11.2415, 9.3245

Square

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



10.6530, 11.2415, 16.3602



12.0403, 11.2415, 12.3312



10.7165, 11.2415, 8.8772



9.4349, 11.2415, 12.1494

Rectangle

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



10.6530, 11.2415, 16.3602



11.6917, 11.2415, 14.8758



10.7165, 11.2415, 8.8772



9.7372, 11.2415, 9.9356

Sweetspot

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



10.6533, 11.2420, 16.3605



23.5024, 24.7830, 29.4521



11.6026, 13.9954, 14.0412



5.4415, 5.7385, 6.8496



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.



10.6533, 11.2420, 16.3605



17.3567, 18.2880, 28.5224



10.0015, 9.6533, 16.0882



3.3170, 3.4992, 4.2548



4.4358, 3.4618, 18.1560



21.2997, 15.6512, 90.1775

Inverse Universe

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



11.7448, 10.6385, 12.2614



19.6380, 17.1196, 19.9332



13.3900, 14.9909, 10.7824



3.4347, 3.4216, 3.8156



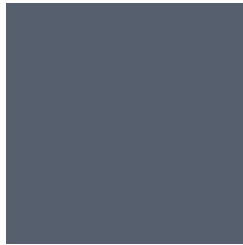
8.2573, 4.1953, 3.1649



40.7311, 20.7377, 13.6478

Previews

White Background



This preview shows how the XYZ color 10.6530, 11.2415, 16.3602 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 10.6530, 11.2415, 16.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

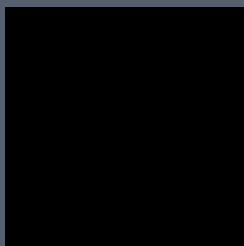
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

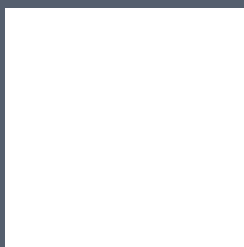
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6530, 11.2415, 16.3602

Background



This preview shows how black text looks on a background with the XYZ color 10.6530, 11.2415, 16.3602.

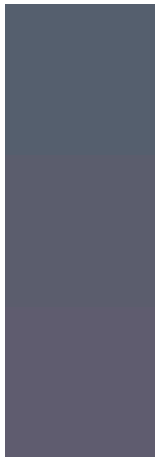


This preview shows how white text looks on a background with the XYZ color 10.6530, 11.2415,

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

10.6530, 11.2415, 16.3602

Protanopia

10.9891, 11.1570, 16.0423

Deuteranopia

11.4157, 11.2349, 16.6058



Tritanopia

10.3377, 11.2500, 14.7233

Trichromacy



Original Color

10.6530, 11.2415, 16.3602

Protanomaly

10.8828, 11.2334, 16.0627

Deuteranomaly

11.0980, 11.2005, 16.6159

Tritanomaly

10.4405, 11.2912, 15.2648

Monochromacy



Original Color

10.6530, 11.2415, 16.3602

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.6173, 11.1497, 13.6491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6530, 11.2415, 16.3602 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(85, 95, 110)` looks like.

```
.text, #text, p{  
    color:rgb(85, 95, 110)  
}
```

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(85, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 95, 110) }
```

Border

The CSS property to change the border of an element to XYZ 10.6530, 11.2415, 16.3602 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(85, 95, 110) }
```


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

```
.border{ border-color:rgb(85, 95, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 95, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(85, 95,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6530, 11.2415, 16.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 95, 110) }
```

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

```
.background{ background-color: rgb(85, 95,  
110) }
```

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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