

Converting Colors

XYZ(10.7531, 10.5556, 28.4005)

Have a look what the booklet for
XYZ(10.7531, 10.5556, 28.4005)
contains.

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Color

**XYZ(10.7154, 10.4872,
28.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5B91
RGB	60, 91, 145
RGB Percent	24%, 36%, 57%
CMY	0.7647, 0.6431, 0.4314
CMYK	0.59, 0.37, 0.00, 0.43
HSL	218°, 41%, 40%
HSV	218°, 59%, 57%
XYZ	10.7154, 10.4872, 28.2475
YIQ	87.8870, -35.8100, 10.2220

Conversions

Conversions Part 2

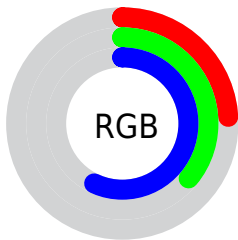
Format	Color
R_{YB}	60, 83, 145
Decimal	3955601
CIE _{Lab}	38.70, 5.75, -33.24
CIE _{LCh}	39, 33.735, 279.820
Yxy	10.4872, 0.2167, 0.2121
Android (android.graphics.Color)	4282145681 (0xFF3C5B91)
YUV	87.8870, 28.1567, -24.4569
Hunter-Lab	32.3839, 2.3913, -29.0480

Details

The XYZ color **10.7154, 10.4872, 28.2475** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.5105, 18.3813, 6.8479**, and the grayscale version is **9.1978, 9.6768, 10.5380**.

A 20% lighter version of the original color is **26.7731, 26.7507, 57.7851**, and **2.9974, 2.7621, 10.9648** is the 20% darker color. If you saturate the color by 10%, you get **9.2168, 8.6166, 27.9656**, and if you desaturate by 10%, it is **12.5515, 12.6756, 28.5733**.

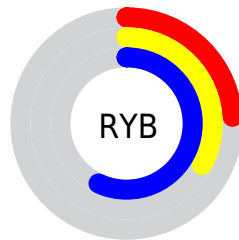
Distribution



Red (24%)

Green (36%)

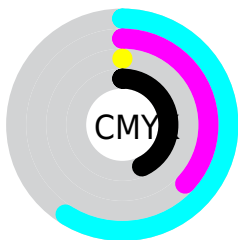
Blue (57%)



Red (24%)

Yellow (33%)

Blue (57%)

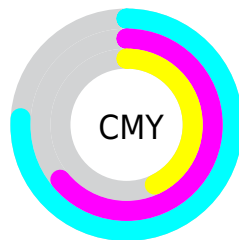


Cyan (59%)

Magenta (37%)

Yellow (0%)

Black (43%)



Cyan (76%)

Magenta (64%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7154, 10.4872, 28.2475 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 10.7154, 10.4872, 28.2475 by changing the saturation by 10% instead.

■ 10.7154, 10.4872,
28.2475

■ 10.7154, 10.4872,
28.2475

189.6534,
194.1148, 307.5967

■ 5.9417, 5.7232,
18.2716

■ 26.7703, 26.7079,
57.9072

■ 2.8500, 2.6775,
10.9737

■ 38.7822, 38.9334,
78.4281

■ 1.0749, 0.9658,
5.9352

■ 53.9376, 54.4148,
103.3011

■ 0.0040, 0.0000,
2.7376

■ 72.6017, 73.5366,
132.9448

■ 0.0000, 0.0000,
0.9623

■ 95.1400, 96.6831,
167.7777

■ 0.0000, 0.0000,
0.0000

121.9178,

124.2387, 208.2182

153.3005,
156.5878, 254.6851

■ 10.7154, 10.4872,
28.2475

■ 10.7154, 10.4872,
28.2475

■ 9.2168, 8.6166,
27.9656

■ 12.5515, 12.6756,
28.5733

■ 8.0309, 7.0455,
27.7249

■ 14.7452, 15.1967,
28.9443

■ 7.1311, 5.7546,
27.5232

■ 17.3161, 18.0653,
29.3625

■ 6.4623, 4.7099,
27.3568

■ 20.2822, 21.2953,
29.8297

■ 6.3785, 4.5797,
27.3360

■ 23.6600, 24.8994,
30.3473

■ 27.4653, 28.8900,
30.9170

■ 31.7129, 33.2785,
31.5402

■ 36.4170, 38.0762,
32.2183

■ 41.5908, 43.2937,
32.9527

Harmonies

Analogous

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



8.5635, 10.4872, 27.2129



10.7154, 10.4872, 28.2475



12.9662, 10.4872, 23.6521

Triad

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



10.7154, 10.4872, 28.2475



13.6282, 10.4872, 5.2323



6.4671, 10.4872, 7.6919

Complementary

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



10.7154, 10.4872, 28.2475



18.5105, 18.3813, 6.8479

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.



7.4713, 10.4872, 4.3564



10.7154, 10.4872, 28.2475



11.5178, 10.4872, 3.3470

Square

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



10.7154, 10.4872, 28.2475



14.8058, 10.4872, 9.4539



9.2557, 10.4872, 3.1006



6.3184, 10.4872, 13.6386

Rectangle

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



10.7154, 10.4872, 28.2475



14.1425, 10.4872, 18.7527



9.2557, 10.4872, 3.1006



6.7079, 10.4872, 6.3002

Sweetspot

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



10.7158, 10.4876, 28.2478



36.4603, 38.2852, 53.4417



15.0171, 22.4229, 19.4070



7.7835, 8.1633, 11.8376



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



10.7158, 10.4876, 28.2478



15.8474, 14.5784, 49.9522



9.3502, 6.6288, 27.5749



5.2806, 5.5570, 6.8230



5.4941, 3.9743, 23.4546



0.0722, 0.0773, 0.2308

Inverse Universe

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



15.1816, 10.0073, 11.0293



24.8945, 14.6838, 14.8282



20.7198, 25.6183, 8.1283



5.4851, 5.4546, 6.0525



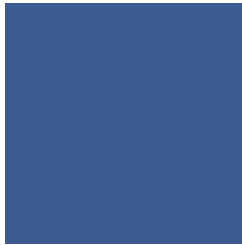
10.5763, 5.3875, 3.4202



0.1110, 0.0555, 0.0850

Previews

White Background



This preview shows how the XYZ color 10.7154, 10.4872, 28.2475 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 10.7154, 10.4872, 28.2475 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

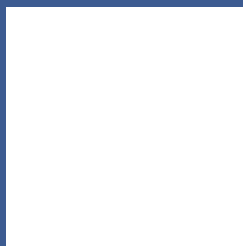
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7154, 10.4872, 28.2475

Background



This preview shows how black text looks on a background with the XYZ color 10.7154, 10.4872, 28.2475.



This preview shows how white text looks on a background with the XYZ color 10.7154, 10.4872,

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

10.7154, 10.4872, 28.2475

Protanopia

11.1288, 10.4675, 27.4205

Deuteranopia

10.7154, 10.4872, 28.2475



Tritanopia

8.1544, 10.5207, 15.5108

Trichromacy



Original Color

10.7154, 10.4872, 28.2475

Protanomaly

11.0049, 10.5192, 27.8359

Deuteranomaly

10.7154, 10.4872, 28.2475

Tritanomaly

8.9495, 10.4243, 19.6296

Monochromacy



Original Color

10.7154, 10.4872, 28.2475

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.4746, 9.8686, 15.8735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7154, 10.4872, 28.2475 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(60, 91, 145)` looks like.

```
.text, #text, p{  
    color:rgb(60, 91, 145)  
}
```

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(60, 91, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 91, 145) }
```

Border

The CSS property to change the border of an element to XYZ 10.7154, 10.4872, 28.2475 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(60, 91, 145) }
```


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

```
.border{ border-color:rgb(60, 91, 145) }
```

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

Here you see how a box with a 4 pixel rgb(60, 91, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 91, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 91, 145);  
box-shadow:4px 4px 4px 4px rgb(60, 91,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7154, 10.4872, 28.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 91, 145) }
```

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

```
.background{ background-color: rgb(60, 91,  
145) }
```

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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