

Converting Colors

XYZ(15.5580, 13.0471, 31.4041)

Have a look what the booklet for
XYZ(15.5580, 13.0471, 31.4041)
contains.

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Color

**XYZ(15.5580, 13.0471,
31.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5C98
RGB	107, 92, 152
RGB Percent	42%, 36%, 60%
CMY	0.5804, 0.6392, 0.4039
CMYK	0.30, 0.39, 0.00, 0.40
HSL	255°, 25%, 48%
HSV	255°, 39%, 60%
XYZ	15.5580, 13.0471, 31.4041
YIQ	103.3250, -10.3200, 21.8400

Conversions

Conversions Part 2

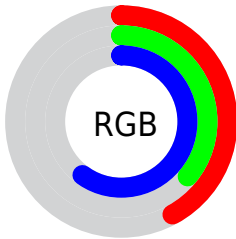
Format	Color
R_{YB}	107, 92, 152
Decimal	7036056
CIE _{Lab}	42.83, 19.92, -30.70
CIE _{LCh}	43, 36.597, 302.970
Yxy	13.0471, 0.2593, 0.2174
Android (android.graphics.Color)	4285226136 (0xFF6B5C98)
YUV	103.3250, 23.9968, 3.2230
Hunter-Lab	36.1208, 13.6725, -26.2633

Details

The XYZ color **15.5580, 13.0471, 31.4041** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.4769, 28.5479, 14.3987**, and the grayscale version is **12.9189, 13.5917, 14.8014**.

A 20% lighter version of the original color is **35.4327, 31.3246, 63.2102**, and **5.0133, 3.7634, 12.7741** is the 20% darker color. If you saturate the color by 10%, you get **13.0896, 10.0124, 30.9487**, and if you desaturate by 10%, it is **18.4722, 16.7044, 31.9567**.

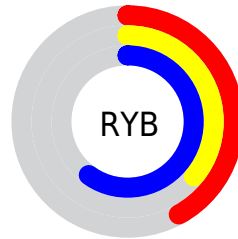
Distribution



Red (42%)

Green (36%)

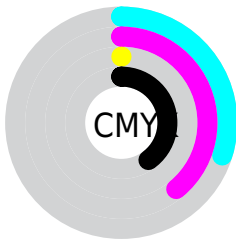
Blue (60%)



Red (42%)

Yellow (36%)

Blue (60%)

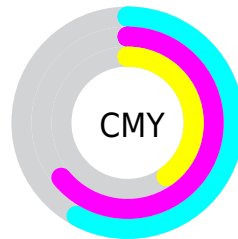


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5580, 13.0471, 31.4041 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 15.5580, 13.0471, 31.4041 by changing the saturation by 10% instead.

■ 15.5580, 13.0471,
31.4041

■ 15.5580, 13.0471,
31.4041

220.0413,
211.2193, 322.8044

■ 9.3008, 7.4610,
20.6457

■ 35.3928, 31.3884,
62.9627

■ 4.9966, 3.7520,
12.6766

■ 49.7012, 44.9123,
84.6001

■ 2.2800, 1.5358,
7.0781

■ 67.4239, 61.8510,
110.7008

■ 0.7844, 0.3138,
3.4318

■ 88.9264, 82.5888,
141.6835

■ 0.0000, 0.0000,
1.3191

114.5741,
107.5102, 177.9666

■ 0.0000, 0.0000,
0.0774

144.7322,

■ 0.0000, 0.0000,

136.9994, 219.9688

0.0000

179.7661,
171.4410, 268.1085

■ 15.5580, 13.0471,
31.4041

■ 15.5580, 13.0471,
31.4041

■ 13.0896, 10.0124,
30.9487

■ 18.4722, 16.7044,
31.9567

■ 11.0428, 7.5633,
30.5838

■ 21.8521, 21.0153,
32.6106

■ 9.3929, 5.6613,
30.3037

■ 25.7180, 26.0105,
33.3710

■ 8.1121, 4.2625,
30.1012

■ 30.0883, 31.7185,
34.2424

■ 7.1683, 3.3158,
29.9682

■ 34.9809, 38.1660,
35.2291

■ 6.4979, 2.7080,
29.8862

■ 40.4125, 45.3782,
36.3349

■ 6.4668, 2.6791,
29.8823

■ 46.3990, 53.3794,
37.5638

■ 52.9558, 62.1926,
38.9193

■ 60.0977, 71.8400,
40.4050

Harmonies

Analogous

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



12.6811, 13.0471, 35.7580



15.5580, 13.0471, 31.4041



17.8243, 13.0471, 22.4021

Triad

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



15.5580, 13.0471, 31.4041



15.0043, 13.0471, 4.4399



7.7749, 13.0471, 15.0176

Complementary

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



15.5580, 13.0471, 31.4041



23.4769, 28.5479, 14.3987

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.



8.2070, 13.0471, 8.3015



15.5580, 13.0471, 31.4041



12.1248, 13.0471, 3.7189

Square

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



15.5580, 13.0471, 31.4041



17.4724, 13.0471, 7.3739



9.7027, 13.0471, 4.8170



8.4200, 13.0471, 24.3238

Rectangle

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



15.5580, 13.0471, 31.4041



18.5289, 13.0471, 16.1723



9.7027, 13.0471, 4.8170



7.7992, 13.0471, 12.4060

Sweetspot

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



15.5585, 13.0476, 31.4044



43.4228, 43.3528, 58.5130



19.1700, 22.7197, 33.0810



9.6844, 9.6140, 13.2628



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.5585, 13.0476, 31.4044



23.7333, 18.4378, 54.7416



19.6484, 15.1560, 31.5958



6.0220, 6.0972, 7.7885



5.4473, 2.2592, 25.0567



0.1109, 0.0490, 0.3760

Inverse Universe

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



21.2918, 16.1363, 25.6598



35.3829, 24.7245, 42.5845



19.3448, 26.4176, 14.2053



6.3952, 6.2972, 7.4613



13.4169, 6.6210, 13.9862



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 15.5580, 13.0471, 31.4041 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 15.5580, 13.0471, 31.4041 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 15.5580, 13.0471, 31.4041

Background



This preview shows how black text looks on a background with the XYZ color 15.5580, 13.0471, 31.4041.



This preview shows how white text looks on a background with the XYZ color 15.5580, 13.0471,

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

15.5580, 13.0471, 31.4041

Protanopia

13.8578, 13.0546, 34.1371

Deuteranopia

13.4670, 13.2148, 30.6951



Tritanopia

12.4510, 13.0082, 16.3226

Trichromacy



Original Color

15.5580, 13.0471, 31.4041

Protanomaly

14.3034, 12.8899, 33.1866

Deuteranomaly

14.1700, 13.1434, 31.0682

Tritanomaly

13.4362, 12.9827, 21.1998

Monochromacy



Original Color

15.5580, 13.0471, 31.4041

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6220, 13.2472, 19.9282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5580, 13.0471, 31.4041 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(107, 92, 152)` looks like.

```
.text, #text, p{  
    color:rgb(107, 92, 152)  
}
```

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(107, 92, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 92, 152) }
```

Border

The CSS property to change the border of an element to XYZ 15.5580, 13.0471, 31.4041 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(107, 92, 152) }
```


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

```
.border{ border-color:rgb(107, 92, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 92, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 92, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 92, 152);  
box-shadow:4px 4px 4px 4px rgb(107, 92,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5580, 13.0471, 31.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 92, 152) }
```

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

```
.background{ background-color: rgb(107, 92,  
152) }
```

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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