

Converting Colors

XYZ(30.4908, 35.7747, 75.3031)

Have a look what the booklet for
XYZ(30.4908, 35.7747, 75.3031)
contains.

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Color

**XYZ(30.4807, 35.7931,
75.1143)**

Conversions

Conversions Part 1

Format	Color
Hex	47ABDF
RGB	71, 171, 223
RGB Percent	28%, 67%, 87%
CMY	0.7215, 0.3294, 0.1255
CMYK	0.68, 0.23, 0.00, 0.13
HSL	201°, 70%, 58%
HSV	201°, 68%, 87%
XYZ	30.4807, 35.7931, 75.1143
YIQ	147.0280, -76.2920, -5.0280

Conversions

Conversions Part 2

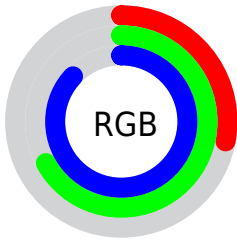
Format	Color
R_{YB}	71, 131, 223
Decimal	4697055
CIE _{Lab}	66.36, -12.77, -34.72
CIE _{LCh}	66, 36.989, 249.811
Yxy	35.7931, 0.2156, 0.2532
Android (android.graphics.Color)	4282887135 (0xFF47ABDF)
YUV	147.0280, 37.4542, -66.6766
Hunter-Lab	59.8273, -13.7560, -32.5605

Details

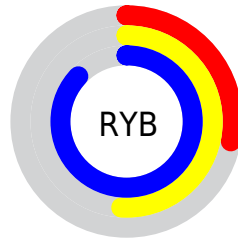
The XYZ color **30.4807, 35.7931, 75.1143** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **38.6533, 30.3111, 9.7761**, and the grayscale version is **27.6189, 29.0572, 31.6433**.

A 20% lighter version of the original color is **55.2380, 66.7636, 104.5831**, and **13.6647, 16.0208, 39.4179** is the 20% darker color. If you saturate the color by 10%, you get **27.7356, 32.3006, 74.5856**, and if you desaturate by 10%, it is **33.9113, 39.7637, 75.7006**.

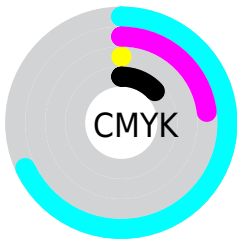
Distribution



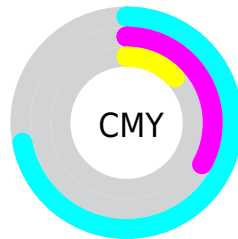
- Red (28%)
- Green (67%)
- Blue (87%)



- Red (28%)
- Yellow (51%)
- Blue (87%)



- Cyan (68%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4807, 35.7931, 75.1143 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 30.4807, 35.7931, 75.1143 by changing the saturation by 10% instead.

■ 30.4807, 35.7931,
75.1143

■ 30.4807, 35.7931,
75.1143

296.0085,
328.0553, 497.5762

■ 20.3536, 24.2744,
55.2042

■ 59.8030, 68.7126,
128.2227

■ 12.7621, 15.5373,
39.1656

■ 79.7289, 90.8822,
162.2582

■ 7.3408, 9.1974,
26.5797

■ 103.6518,
117.3710, 201.8392

■ 3.7244, 4.8701,
17.0282

■ 131.9370,
148.5633, 247.3843

■ 1.5474, 2.1713,
10.0924

164.9499,
184.8434, 299.3120

■ 0.3578, 0.7043,
5.3539

203.0559,

■ 0.0000, 0.0000,

226.5959, 358.0408

2.3940

246.6203,
274.2051, 423.9894

■ 0.0000, 0.0000,
0.7832

■ 0.0000, 0.0000,
0.0000

■ 30.4807, 35.7931,
75.1143

■ 30.4807, 35.7931,
75.1143

■ 27.7356, 32.3006,
74.5856

■ 33.9113, 39.7637,
75.7006

■ 25.6015, 29.2438,
74.1080

■ 38.0839, 44.2418,
76.3450

■ 23.9787, 26.5701,
73.6775

■ 43.0529, 49.2579,
77.0513

■ 23.7079, 26.1048,
73.6019

■ 48.8664, 54.8387,
77.8221

■ 55.5683, 61.0087,
78.6599

■ 63.1993, 67.7909,
79.5667

■ 71.7977, 75.2067,
80.5450

■ 81.3993, 83.2763,
81.5965

■ 85.6210, 88.7109,
82.4230

Harmonies

Analogous

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



26.4880, 35.7931, 61.9047



30.4807, 35.7931, 75.1143



35.8647, 35.7931, 77.3440

Triad

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



30.4807, 35.7931, 75.1143



45.6114, 35.7931, 34.0099



27.6558, 35.7931, 19.9471

Complementary

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



30.4807, 35.7931, 75.1143



38.6533, 30.3111, 9.7761

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.



32.2402, 35.7931, 16.0066



30.4807, 35.7931, 75.1143



42.8601, 35.7931, 22.5446

Square

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



30.4807, 35.7931, 75.1143



45.0088, 35.7931, 50.4562



37.8238, 35.7931, 16.8073



24.9838, 35.7931, 29.3787

Rectangle

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



30.4807, 35.7931, 75.1143



39.5855, 35.7931, 71.8198



37.8238, 35.7931, 16.8073



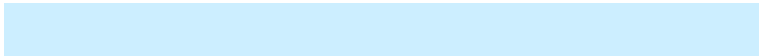
29.0027, 35.7931, 18.0701

Sweetspot

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



30.4819, 35.7944, 75.1152



73.3961, 80.9460, 106.3635



32.4798, 55.5129, 27.3095



15.1475, 16.8111, 22.6965



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4819, 35.7944, 75.1152



36.2015, 41.8571, 100.7789



20.1327, 15.0958, 71.6654



13.7011, 14.7414, 17.5109



14.0487, 15.5669, 43.3126



1.0560, 1.2434, 3.0296

Inverse Universe

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



40.0364, 23.1361, 40.8847



50.8087, 26.6444, 47.5182



51.6879, 56.3802, 14.1210



14.0854, 13.8518, 16.2197



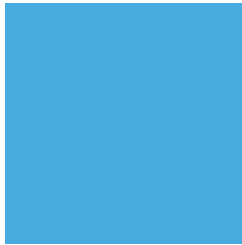
21.0313, 10.4795, 17.3626



1.4993, 0.7430, 1.4220

Previews

White Background



This preview shows how the XYZ color 30.4807, 35.7931, 75.1143 looks on a white background.

Color Contrast Check

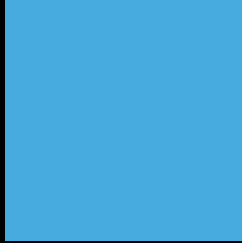
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.4807, 35.7931, 75.1143 looks on a black 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 ✓ Pass

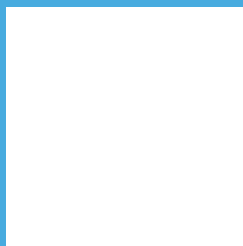
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4807, 35.7931, 75.1143

Background



This preview shows how black text looks on a background with the XYZ color 30.4807, 35.7931, 75.1143.

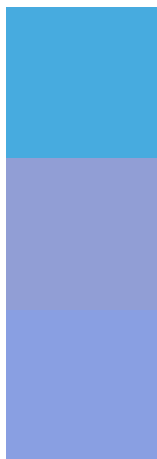


This preview shows how white text looks on a background with the XYZ color 30.4807, 35.7931,

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

30.4807, 35.7931, 75.1143

Protanopia

35.9142, 35.2776, 67.8672

Deuteranopia

36.4421, 35.6056, 76.9034



Tritanopia

26.4914, 35.9097, 54.8252

Trichromacy



Original Color

30.4807, 35.7931, 75.1143

Protanomaly

33.0928, 35.0557, 70.6679

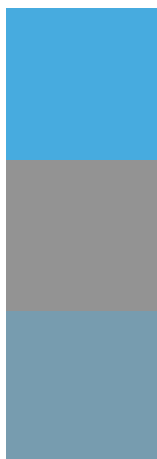
Deuteranomaly

33.4979, 35.1413, 76.2516

Tritanomaly

27.8544, 35.8713, 61.9557

Monochromacy



Original Color

30.4807, 35.7931, 75.1143

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.2341, 30.7940, 45.0659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4807, 35.7931, 75.1143 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(71, 171, 223)` looks like.

```
.text, #text, p{  
    color:rgb(71, 171, 223)  
}
```

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(71, 171, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 171, 223) }
```

Border

The CSS property to change the border of an element to XYZ 30.4807, 35.7931, 75.1143 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(71, 171, 223) }
```


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

```
.border{ border-color:rgb(71, 171, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 171, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 171, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 171, 223);  
box-shadow:4px 4px 4px 4px rgb(71, 171,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4807, 35.7931, 75.1143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 171, 223) }
```

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

```
.background{ background-color: rgb(71, 171,  
223) }
```

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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