

Converting Colors

XYZ(30.1503, 33.7179, 54.8452)

Have a look what the booklet for
XYZ(30.1503, 33.7179, 54.8452)
contains.

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Color

**XYZ(30.0425, 33.5684,
54.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	77A2C0
RGB	119, 162, 192
RGB Percent	47%, 64%, 75%
CMY	0.5333, 0.3647, 0.2471
CMYK	0.38, 0.16, 0.00, 0.25
HSL	205°, 37%, 61%
HSV	205°, 38%, 75%
XYZ	30.0425, 33.5684, 54.7651
YIQ	152.5630, -35.2580, 0.2140

Conversions

Conversions Part 2

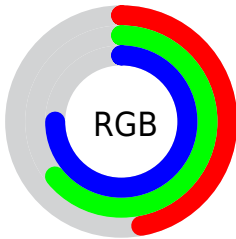
Format	Color
R _Y B	119, 146, 192
Decimal	7840448
CIE Lab	64.62, -6.90, -20.06
CIE LCh	65, 21.210, 251.014
Yxy	33.5684, 0.2538, 0.2836
Android (android.graphics.Color)	4286030528 (0xFF77A2C0)
YUV	152.5630, 19.4424, -29.4348
Hunter-Lab	57.9382, -8.8350, -15.4861

Details

The XYZ color **30.0425, 33.5684, 54.7651** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.8160, 34.0338, 22.1352**, and the grayscale version is **30.0187, 31.5820, 34.3928**.

A 20% lighter version of the original color is **58.9897, 65.2873, 98.2995**, and **12.4101, 14.1451, 26.1209** is the 20% darker color. If you saturate the color by 10%, you get **26.3225, 29.6524, 54.2059**, and if you desaturate by 10%, it is **34.3841, 37.9358, 55.3799**.

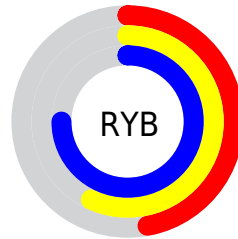
Distribution



Red (47%)

Green (64%)

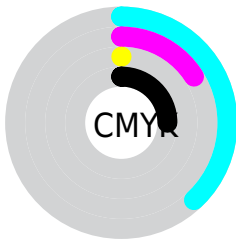
Blue (75%)



Red (47%)

Yellow (57%)

Blue (75%)

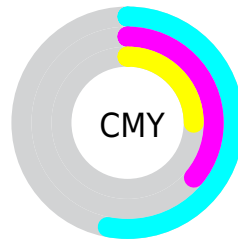


Cyan (38%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0425, 33.5684, 54.7651 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 30.0425, 33.5684, 54.7651 by changing the saturation by 10% instead.

■ 30.0425, 33.5684,
54.7651

■ 30.0425, 33.5684,
54.7651

294.0088,
318.2033, 422.2777

■ 20.0191, 22.5622,
38.8164

■ 59.1155, 65.2619,
98.6644

■ 12.5173, 14.2706,
26.3102

■ 78.8959, 86.7181,
127.4520

■ 7.1717, 8.3091,
16.8280

■ 102.6593,
112.4264, 161.3564

■ 3.6170, 4.2934,
9.9513

130.7710,
142.7711, 200.7960

■ 1.4878, 1.8390,
5.2615

163.5964,
178.1368, 246.1894

■ 0.3175, 0.5113,
2.3401

201.5010,

■ 0.0000, 0.0000,

218.9078, 297.9551

0.7535

244.8500,
265.4685, 356.5117

■ 0.0000, 0.0000,
0.0000

■ 30.0425, 33.5684,
54.7651

■ 30.0425, 33.5684,
54.7651

■ 26.3225, 29.6524,
54.2059

■ 34.3841, 37.9358,
55.3799

■ 23.1872, 26.1642,
53.6978

■ 39.3753, 42.7692,
56.0497

■ 20.6002, 23.0833,
53.2395

■ 45.0459, 48.0868,
56.7773

■ 18.5193, 20.3856,
52.8285

■ 51.4232, 53.9048,
57.5641

■ 16.8955, 18.0431,
52.4619

■ 58.5325, 60.2386,
58.4120

■ 15.6544, 16.0149,
52.1359

■ 66.3980, 67.1026,
59.3223

■ 15.4308, 15.6383,
52.0750

■ 75.0429, 74.5107,
60.2966

■ 77.7133, 78.9834,
61.0191

■ 79.8975, 83.3517,
61.7472

Harmonies

Analogous

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



27.6973, 33.5684, 48.6670



30.0425, 33.5684, 54.7651



33.0350, 33.5684, 55.5572

Triad

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



30.0425, 33.5684, 54.7651



37.9910, 33.5684, 33.4459



28.2232, 33.5684, 25.3229

Complementary

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



30.0425, 33.5684, 54.7651



35.8160, 34.0338, 22.1352

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.



30.8025, 33.5684, 22.4635



30.0425, 33.5684, 54.7651



36.5203, 33.5684, 26.6327

Square

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



30.0425, 33.5684, 54.7651



37.7553, 33.5684, 42.2686



33.8445, 33.5684, 22.9015



26.6939, 33.5684, 31.3724

Rectangle

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



30.0425, 33.5684, 54.7651



35.0117, 33.5684, 52.8477



33.8445, 33.5684, 22.9015



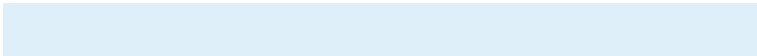
28.9891, 33.5684, 24.0037

Sweetspot

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



30.0436, 33.5697, 54.7659



78.2405, 83.9916, 102.4486



31.8193, 43.7664, 34.8717



16.4800, 17.7337, 21.9397



92.9021, 97.7402, 106.4391



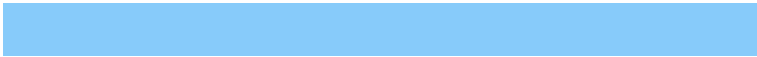
19.4759, 20.4902, 22.3138

Same Dimension

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



30.0436, 33.5697, 54.7659



48.4985, 54.5940, 98.3418



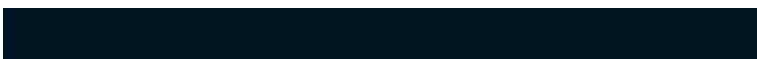
24.6223, 22.7272, 52.9588



10.0103, 10.7119, 12.8248



10.4613, 10.6792, 35.0665



0.5185, 0.5944, 1.5373

Inverse Universe

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



34.8575, 27.0097, 37.5600



58.7840, 41.9140, 61.2800



42.3550, 47.1116, 24.3148



10.3165, 10.1752, 11.7572



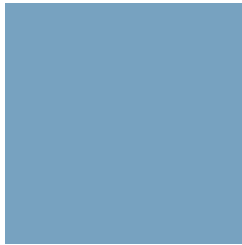
16.6764, 8.3603, 11.4738



0.7541, 0.3747, 0.6725

Previews

White Background



This preview shows how the XYZ color 30.0425, 33.5684, 54.7651 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 30.0425, 33.5684, 54.7651 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 30.0425, 33.5684, 54.7651

Background



This preview shows how black text looks on a background with the XYZ color 30.0425, 33.5684, 54.7651.

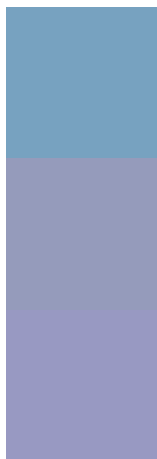


This preview shows how white text looks on a background with the XYZ color 30.0425, 33.5684,

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

30.0425, 33.5684, 54.7651

Protanopia

33.0854, 33.4201, 51.7206

Deuteranopia

34.0777, 33.3529, 55.6806



Tritanopia

28.3816, 33.4101, 47.0724

Trichromacy



Original Color

30.0425, 33.5684, 54.7651

Protanomaly

31.8934, 33.5311, 52.9353

Deuteranomaly

32.3293, 33.2026, 55.1569

Tritanomaly

28.8469, 33.3263, 49.7120

Monochromacy



Original Color

30.0425, 33.5684, 54.7651

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8480, 32.2297, 41.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0425, 33.5684, 54.7651 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(119, 162, 192)` looks like.

```
.text, #text, p{  
    color:rgb(119, 162, 192)  
}
```

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(119, 162, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 162, 192) }
```

Border

The CSS property to change the border of an element to XYZ 30.0425, 33.5684, 54.7651 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(119, 162, 192) }
```


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

```
.border{ border-color:rgb(119, 162, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 162, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 162, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 162, 192);  
box-shadow:4px 4px 4px 4px rgb(119, 162,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0425, 33.5684, 54.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 162, 192) }
```

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

```
.background{ background-color: rgb(119,  
162, 192) }
```

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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