

Converting Colors

XYZ(30.5020, 34.0394, 82.7311)

Have a look what the booklet for
XYZ(30.5020, 34.0394, 82.7311)
contains.

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Color

**XYZ(30.4864, 33.9746,
82.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	41A5EA
RGB	65, 165, 234
RGB Percent	25%, 65%, 92%
CMY	0.7451, 0.3529, 0.0823
CMYK	0.72, 0.29, 0.00, 0.08
HSL	204°, 80%, 59%
HSV	204°, 72%, 92%
XYZ	30.4864, 33.9746, 82.7929
YIQ	142.9660, -81.7490, 0.2590

Conversions

Conversions Part 2

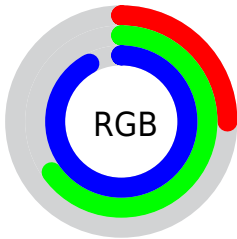
Format	Color
R _{YB}	65, 128, 234
Decimal	4302314
CIE Lab	64.94, -6.63, -42.99
CIE LCh	65, 43.499, 261.237
Yxy	33.9746, 0.2070, 0.2307
Android (android.graphics.Color)	4282492394 (0xFF41A5EA)
YUV	142.9660, 44.8798, -68.3762
Hunter-Lab	58.2877, -8.6422, -43.4151

Details

The XYZ color **30.4864, 33.9746, 82.7929** 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 **43.4131, 34.9275, 9.4564**, and the grayscale version is **25.9467, 27.2979, 29.7274**.

A 20% lighter version of the original color is **53.1589, 63.3119, 104.0264**, and **13.9410, 15.0246, 44.2847** is the 20% darker color. If you saturate the color by 10%, you get **27.5864, 30.0166, 82.1825**, and if you desaturate by 10%, it is **34.1588, 38.5229, 83.4780**.

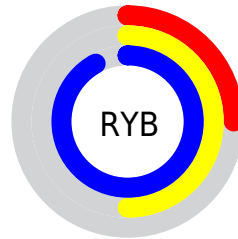
Distribution



Red (25%)

Green (65%)

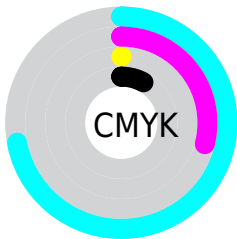
Blue (92%)



Red (25%)

Yellow (50%)

Blue (92%)

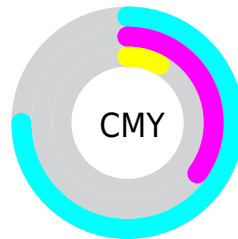


Cyan (72%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (75%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4864, 33.9746, 82.7929 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 30.4864, 33.9746, 82.7929 by changing the saturation by 10% instead.

■ 30.4864, 33.9746,
82.7929

■ 30.4864, 33.9746,
82.7929

296.0344,
320.0188, 524.2490

■ 20.3580, 22.8741,
61.4797

■ 59.8119, 65.8942,
139.1320

■ 12.7653, 14.5006,
44.1793

■ 79.7397, 87.4820,
174.9950

■ 7.3430, 8.4696,
30.4733

■ 103.6647,
113.3344, 216.5450

■ 3.7258, 4.3969,
19.9430

■ 131.9522,
143.8358, 264.2005

■ 1.5482, 1.8980,
12.1700

164.9675,
179.3705, 318.3801

■ 0.3583, 0.5472,
6.7356

203.0761,

■ 0.0000, 0.0000,

220.3230, 379.5024

3.2214

246.6433,
267.0776, 447.9858

■ 0.0000, 0.0000,
1.2088

■ 0.0000, 0.0000,
0.0000

■ 30.4864, 33.9746,
82.7929

■ 30.4864, 33.9746,
82.7929

■ 27.5864, 30.0166,
82.1825

■ 34.1588, 38.5229,
83.4780

■ 25.3673, 26.5961,
81.6392

■ 38.6731, 43.7000,
84.2393

■ 24.0057, 24.2491,
81.2580

■ 44.0945, 49.5437,
85.0815

■ 50.4805, 56.0875,
86.0080

■ 57.8831, 63.3619,
87.0220

■ 66.3506, 71.3954,
88.1263

■ 75.9282, 80.2148,
89.3238

■ 86.6580, 89.8452,
90.6171

■ 90.5858, 96.1894,
91.6347

Harmonies

Analogous

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



25.3046, 33.9746, 71.0509



30.4864, 33.9746, 82.7929



36.8674, 33.9746, 79.5091

Triad

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



30.4864, 33.9746, 82.7929



44.9088, 33.9746, 25.8243



23.7599, 33.9746, 19.2865

Complementary

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



30.4864, 33.9746, 82.7929



43.4131, 34.9275, 9.4564

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.



28.1115, 33.9746, 13.2105



30.4864, 33.9746, 82.7929



40.4598, 33.9746, 16.0448

Square

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



30.4864, 33.9746, 82.7929



45.7604, 33.9746, 42.5169



34.1672, 33.9746, 12.2554



21.7651, 33.9746, 31.9688

Rectangle

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



30.4864, 33.9746, 82.7929



40.9257, 33.9746, 69.5783



34.1672, 33.9746, 12.2554



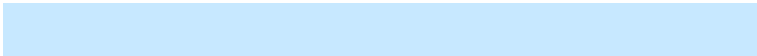
24.9666, 33.9746, 16.6010

Sweetspot

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



30.4877, 33.9757, 82.7938



70.4598, 77.1147, 105.7787



35.8104, 61.6530, 32.0612



14.5288, 15.9703, 22.5668



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.



30.4877, 33.9757, 82.7938



32.0324, 34.2465, 99.5297



20.0427, 13.0859, 79.3121



14.9721, 16.0307, 19.2274



13.6165, 13.8800, 45.7044



1.1634, 1.2783, 3.6203

Inverse Universe

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



42.6147, 23.9912, 37.9830



48.5267, 25.0515, 37.5979



59.7257, 67.5527, 14.8939



15.4395, 15.2036, 17.5996



21.7283, 10.8940, 14.9024



1.7537, 0.8745, 1.4205

Previews

White Background



This preview shows how the XYZ color 30.4864, 33.9746, 82.7929 looks on a white background.

Color Contrast Check

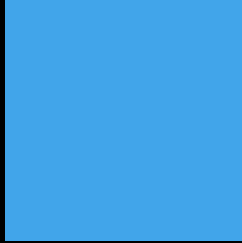
Large Text (above 18pt) WCAG AA × Fail

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 30.4864, 33.9746, 82.7929 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

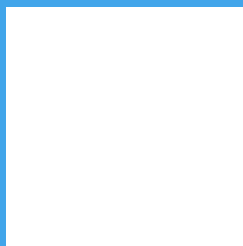
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4864, 33.9746, 82.7929

Background



This preview shows how black text looks on a background with the XYZ color 30.4864, 33.9746, 82.7929.

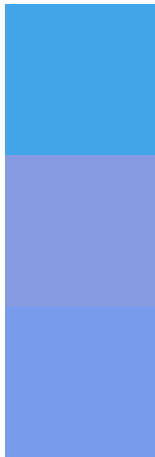


This preview shows how white text looks on a background with the XYZ color 30.4864, 33.9746,

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

30.4864, 33.9746, 82.7929

Protanopia

34.9777, 33.6158, 75.8791

Deuteranopia

34.6365, 33.7550, 84.0467



Tritanopia

24.4817, 34.0414, 52.8573

Trichromacy



Original Color

30.4864, 33.9746, 82.7929

Protanomaly

32.5371, 33.3064, 78.1127

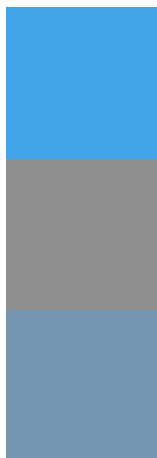
Deuteranomaly

32.5391, 33.4471, 83.3382

Tritanomaly

26.3099, 33.9087, 62.9160

Monochromacy



Original Color

30.4864, 33.9746, 82.7929

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9733, 28.9126, 45.2861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4864, 33.9746, 82.7929 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(65, 165, 234)` looks like.

```
.text, #text, p{  
    color:rgb(65, 165, 234)  
}
```

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(65, 165, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 165, 234) }
```

Border

The CSS property to change the border of an element to XYZ 30.4864, 33.9746, 82.7929 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(65, 165, 234) }
```


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

```
.border{ border-color:rgb(65, 165, 234) }
```

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

Here you see how a box with a 4 pixel rgb(65, 165, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 165, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 165, 234);  
box-shadow:4px 4px 4px 4px rgb(65, 165,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4864, 33.9746, 82.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 165, 234) }
```

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

```
.background{ background-color: rgb(65, 165,  
234) }
```

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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