

Converting Colors

XYZ(32.4346, 36.3934, 92.1481)

Have a look what the booklet for
XYZ(32.4346, 36.3934, 92.1481)
contains.

XYZ(32.5129, 36.4578, 92.5122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5129, 36.4578,
92.5122)**

Conversions

Conversions Part 1

Format	Color
Hex	32ABF6
RGB	50, 171, 246
RGB Percent	20%, 67%, 96%
CMY	0.8038, 0.3294, 0.0353
CMYK	0.80, 0.30, 0.00, 0.04
HSL	203°, 92%, 58%
HSV	203°, 80%, 96%
XYZ	32.5129, 36.4578, 92.5122
YIQ	143.3710, -96.1910, -2.3270

Conversions

Conversions Part 2

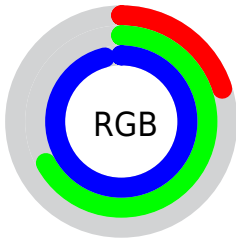
Format	Color
R _{YB}	50, 125, 246
Decimal	3320822
CIE Lab	66.87, -7.51, -46.55
CIE LCh	67, 47.153, 260.840
Yxy	36.4578, 0.2013, 0.2258
Android (android.graphics.Color)	4281510902 (0xFF32ABF6)
YUV	143.3710, 50.5961, -81.8864
Hunter-Lab	60.3803, -9.5488, -48.5755

Details

The XYZ color **32.5129, 36.4578, 92.5122** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **45.9183, 34.4950, 7.2577**, and the grayscale version is **26.0908, 27.4496, 29.8926**.

A 20% lighter version of the original color is **53.8505, 66.0483, 104.5181**, and **15.7821, 16.8678, 50.5681** is the 20% darker color. If you saturate the color by 10%, you get **29.8938, 32.5616, 91.8990**, and if you desaturate by 10%, it is **35.9119, 40.9451, 93.2000**.

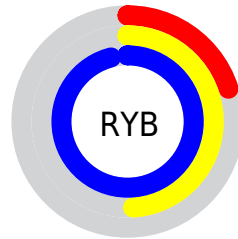
Distribution



Red (20%)

Green (67%)

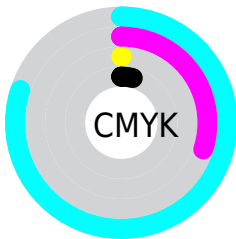
Blue (96%)



Red (20%)

Yellow (49%)

Blue (96%)

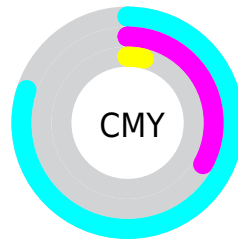


Cyan (80%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (80%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5129, 36.4578, 92.5122 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 32.5129, 36.4578, 92.5122 by changing the saturation by 10% instead.

■ 32.5129, 36.4578,
92.5122

■ 32.5129, 36.4578,
92.5122

305.1530,
330.9571, 556.9491

■ 21.9110, 24.7880,
69.4807

■ 62.9741, 69.7381,
152.7889

■ 13.9078, 15.9192,
50.6291

■ 83.5641, 92.1173,
190.8713

■ 8.1378, 9.4670,
35.5389

■ 108.2141,
118.8352, 234.8077

■ 4.2358, 5.0470,
23.7914

■ 137.2896,
150.2760, 285.0166

■ 1.8364, 2.2749,
14.9682

■ 171.1559,
186.8242, 341.9167

■ 0.5394, 0.7604,
8.6507

210.1783,

■ 0.0000, 0.0000,

228.8642, 405.9265

4.4204

254.7223,
276.7804, 477.4644

■ 0.0000, 0.0000,
1.8587

■ 0.0000, 0.0000,
0.4662

■ 32.5129, 36.4578,
92.5122

■ 32.5129, 36.4578,
92.5122

■ 29.8938, 32.5616,
91.8990

■ 35.9119, 40.9451,
93.2000

■ 27.9014, 29.1721,
91.3497

■ 40.1808, 46.0721,
93.9646

■ 27.8404, 29.0652,
91.3323

■ 45.4003, 51.8847,
94.8114

■ 51.6399, 58.4222,
95.7444

■ 58.9625, 65.7204,
96.7672

■ 67.4252, 73.8123,
97.8830

■ 77.0812, 82.7285,
99.0951

■ 87.9800, 92.4979,
100.4064

■ 93.6347, 99.4339,
101.4471

Harmonies

Analogous

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



26.6883, 36.4578, 78.6338



32.5129, 36.4578, 92.5122



39.7670, 36.4578, 88.9213

Triad

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



32.5129, 36.4578, 92.5122



49.1249, 36.4578, 27.2918



25.0633, 36.4578, 19.6904

Complementary

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



32.5129, 36.4578, 92.5122



45.9183, 34.4950, 7.2577

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.



29.9957, 36.4578, 13.1296



32.5129, 36.4578, 92.5122



44.0607, 36.4578, 16.3552

Square

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



32.5129, 36.4578, 92.5122



50.0426, 36.4578, 46.2878



36.8830, 36.4578, 12.1643



22.7928, 36.4578, 33.7624

Rectangle

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



32.5129, 36.4578, 92.5122



44.4232, 36.4578, 77.4719



36.8830, 36.4578, 12.1643



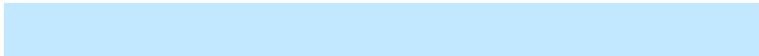
26.4303, 36.4578, 16.7685

Sweetspot

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



32.5143, 36.4590, 92.5131



68.9853, 76.1399, 105.6683



37.7777, 67.9928, 29.5058



14.0754, 15.6340, 22.5258



0.0000, 0.0000, 0.0000



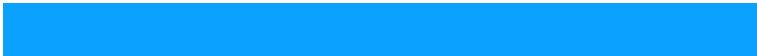
20.3446, 21.4041, 23.3091

Same Dimension

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



32.5143, 36.4590, 92.5131



30.9785, 32.8874, 99.3229



20.5457, 12.5219, 88.5236



16.4331, 17.6304, 21.0795



14.9998, 15.7934, 48.7959



1.4175, 1.5864, 4.3217

Inverse Universe

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



46.4986, 24.8161, 40.8683



47.8120, 24.0659, 35.9913



64.1415, 70.9416, 13.3322



16.9292, 16.6545, 19.3736



23.3757, 11.6937, 17.2187



2.1045, 1.0478, 1.7769

Previews

White Background



This preview shows how the XYZ color 32.5129, 36.4578, 92.5122 looks on a white background.

Color Contrast Check

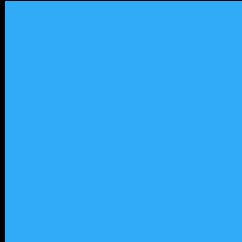
Large Text (above 18pt) WCAG AA × Fail

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 32.5129, 36.4578, 92.5122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

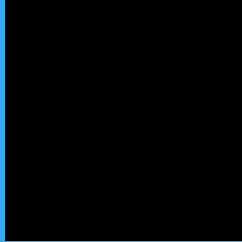
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

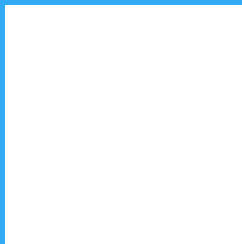
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5129, 36.4578, 92.5122

Background



This preview shows how black text looks on a background with the XYZ color 32.5129, 36.4578, 92.5122.

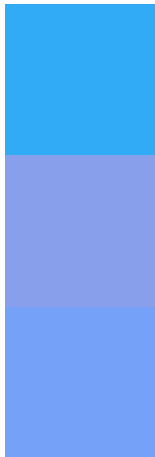


This preview shows how white text looks on a background with the XYZ color 32.5129, 36.4578,

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

32.5129, 36.4578, 92.5122

Protanopia

37.6918, 36.0866, 84.3357

Deuteranopia

37.1594, 36.1186, 93.8200



Tritanopia

25.9469, 36.4928, 56.1283

Trichromacy



Original Color

32.5129, 36.4578, 92.5122

Protanomaly

34.6511, 35.4889, 87.4618

Deuteranomaly

34.7578, 35.9528, 93.1033

Tritanomaly

27.8553, 36.3263, 67.8309

Monochromacy



Original Color

32.5129, 36.4578, 92.5122

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9361, 29.3290, 47.4741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5129, 36.4578, 92.5122 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(50, 171, 246)` looks like.

```
.text, #text, p{  
    color:rgb(50, 171, 246)  
}
```

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(50, 171, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 171, 246) }
```

Border

The CSS property to change the border of an element to XYZ 32.5129, 36.4578, 92.5122 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(50, 171, 246) }
```


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

```
.border{ border-color:rgb(50, 171, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 171, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 171, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 171, 246);  
box-shadow:4px 4px 4px 4px rgb(50, 171,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5129, 36.4578, 92.5122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 171, 246) }
```

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

```
.background{ background-color: rgb(50, 171,  
246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor