

Converting Colors

XYZ(32.2334, 35.2200, 91.5888)

Have a look what the booklet for
XYZ(32.2334, 35.2200, 91.5888)
contains.

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Color

**XYZ(32.2246, 35.2221,
91.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	3DA7F5
RGB	61, 167, 245
RGB Percent	24%, 65%, 96%
CMY	0.7607, 0.3451, 0.0392
CMYK	0.75, 0.32, 0.00, 0.04
HSL	205°, 90%, 60%
HSV	205°, 75%, 96%
XYZ	32.2246, 35.2221, 91.4863
YIQ	144.1980, -88.2140, 1.7860

Conversions

Conversions Part 2

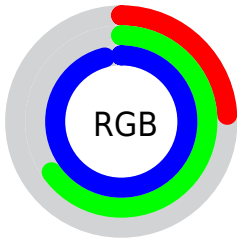
Format	Color
R _Y B	61, 128, 245
Decimal	4040693
CIE Lab	65.92, -4.46, -47.48
CIE LCh	66, 47.690, 264.632
Yxy	35.2221, 0.2028, 0.2216
Android (android.graphics.Color)	4282230773 (0xFF3DA7F5)
YUV	144.1980, 49.6954, -72.9646
Hunter-Lab	59.3482, -6.9383, -49.8528

Details

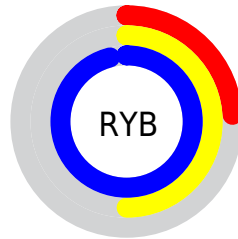
The XYZ color **32.2246, 35.2221, 91.4863** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **47.7336, 38.2186, 9.2779**, and the grayscale version is **26.4225, 27.7986, 30.2726**.

A 20% lighter version of the original color is **53.6870, 64.3681, 104.2024**, and **15.2078, 15.8923, 49.8429** is the 20% darker color. If you saturate the color by 10%, you get **29.2192, 30.9610, 90.8230**, and if you desaturate by 10%, it is **36.0737, 40.1460, 92.2346**.

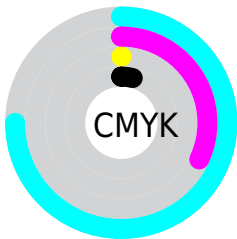
Distribution



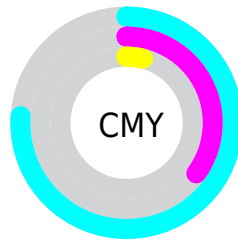
- Red (24%)
- Green (65%)
- Blue (96%)



- Red (24%)
- Yellow (50%)
- Blue (96%)



- Cyan (75%)
- Magenta (32%)
- Yellow (0%)
- Black (4%)



- Cyan (76%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2246, 35.2221, 91.4863 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 32.2246, 35.2221, 91.4863 by changing the saturation by 10% instead.

■ 32.2246, 35.2221,
91.4863

■ 32.2246, 35.2221,
91.4863

303.8682,
325.5476, 553.5483

■ 21.6895, 23.8340,
68.6334

■ 62.5258, 67.8297,
151.3547

■ 13.7442, 15.2105,
49.9433

■ 83.0227, 89.8180,
189.2073

■ 8.0235, 8.9673,
34.9975

■ 107.5708,
116.1085, 232.8969

■ 4.1619, 4.7198,
23.3774

■ 136.5356,
147.0855, 282.8420

■ 1.7941, 2.0838,
14.6645

170.2824,
183.1336, 339.4611

■ 0.5141, 0.6555,
8.4403

209.1765,

■ 0.0000, 0.0000,

224.6370, 403.1729

4.2862

253.5833,
271.9802, 474.3958

■ 0.0000, 0.0000,
1.7836

■ 0.0000, 0.0000,
0.4171

■ 32.2246, 35.2221,
91.4863

■ 32.2246, 35.2221,
91.4863

■ 29.2192, 30.9610,
90.8230

■ 36.0737, 40.1460,
92.2346

■ 26.9476, 27.2993,
90.2359

■ 40.8489, 45.7788,
93.0701

■ 26.0265, 25.6825,
89.9724

■ 46.6262, 52.1653,
93.9984

■ 53.4721, 59.3444,
95.0232

■ 61.4469, 67.3519,
96.1485

■ 70.6062, 76.2210,
97.3777

■ 81.0015, 85.9827,
98.7140

■ 91.9364, 96.2822,
100.1257

■ 93.4816, 99.3726,
100.6407

Harmonies

Analogous

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



26.2240, 35.2221, 79.5514



32.2246, 35.2221, 91.4863



39.4552, 35.2221, 85.6098

Triad

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



32.2246, 35.2221, 91.4863



47.3832, 35.2221, 24.3314



23.5900, 35.2221, 19.9735

Complementary

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



32.2246, 35.2221, 91.4863



47.7336, 38.2186, 9.2779

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.



28.1363, 35.2221, 12.7680



32.2246, 35.2221, 91.4863



41.9586, 35.2221, 14.5944

Square

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



32.2246, 35.2221, 91.4863



48.8797, 35.2221, 42.1009



34.7626, 35.2221, 11.2190



21.7073, 35.2221, 34.8304

Rectangle

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



32.2246, 35.2221, 91.4863



43.9400, 35.2221, 73.1702



34.7626, 35.2221, 11.2190



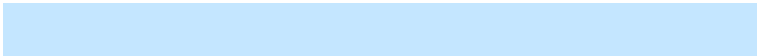
24.8235, 35.2221, 16.8166

Sweetspot

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



32.2259, 35.2233, 91.4872



69.2408, 75.6721, 105.5645



39.1419, 68.1235, 35.0077



14.0917, 15.4796, 22.4951



0.0000, 0.0000, 0.0000



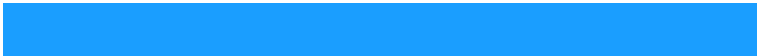
20.3446, 21.4041, 23.3091

Same Dimension

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



32.2259, 35.2233, 91.4872



30.6402, 31.7867, 99.1283



21.0152, 12.8018, 87.7503



16.3739, 17.5122, 21.0598



14.1610, 14.1158, 48.5163



1.3463, 1.4440, 4.2980

Inverse Universe

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



46.3012, 25.5417, 39.0498



47.7447, 24.4354, 34.4155



66.7039, 76.1591, 15.6013



16.8993, 16.6426, 19.2164



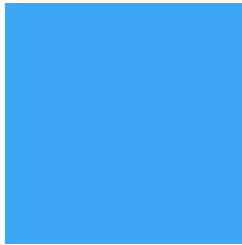
22.9523, 11.5244, 14.9893



2.0686, 1.0334, 1.5877

Previews

White Background



This preview shows how the XYZ color 32.2246, 35.2221, 91.4863 looks on a white background.

Color Contrast Check

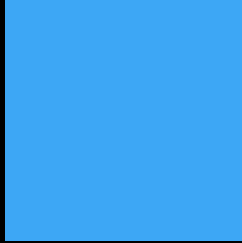
Large Text (above 18pt) WCAG AA × Fail

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 32.2246, 35.2221, 91.4863 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

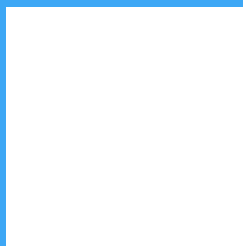
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2246, 35.2221, 91.4863

Background



This preview shows how black text looks on a background with the XYZ color 32.2246, 35.2221, 91.4863.



This preview shows how white text looks on a background with the XYZ color 32.2246, 35.2221,

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

32.2246, 35.2221, 91.4863

Protanopia

36.5445, 34.7386, 84.1360

Deuteranopia

35.9967, 35.0224, 92.8585



Tritanopia

25.1261, 35.2059, 54.7613

Trichromacy



Original Color

32.2246, 35.2221, 91.4863

Protanomaly

34.0947, 34.4378, 86.5115

Deuteranomaly

34.1710, 34.8742, 92.1192

Tritanomaly

27.0323, 34.7609, 66.9128

Monochromacy



Original Color

32.2246, 35.2221, 91.4863

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5082, 29.3701, 47.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2246, 35.2221, 91.4863 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(61, 167, 245)` looks like.

```
.text, #text, p{  
    color:rgb(61, 167, 245)  
}
```

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(61, 167, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 167, 245) }
```

Border

The CSS property to change the border of an element to XYZ 32.2246, 35.2221, 91.4863 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(61, 167, 245) }
```


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

```
.border{ border-color:rgb(61, 167, 245) }
```

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

Here you see how a box with a 4 pixel rgb(61, 167, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 167, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 167, 245);  
box-shadow:4px 4px 4px 4px rgb(61, 167,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2246, 35.2221, 91.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 167, 245) }
```

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

```
.background{ background-color: rgb(61, 167,  
245) }
```

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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