

Converting Colors

XYZ(32.2332, 31.3455, 92.3471)

Have a look what the booklet for
XYZ(32.2332, 31.3455, 92.3471)
contains.

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Color

**XYZ(32.2332, 31.3455,
92.3471)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5A98F7 |
| RGB | 90, 152, 247 |
| RGB Percent | 35%, 60%, 97% |
| CMY | 0.6470, 0.4039, 0.0314 |
| CMYK | 0.64, 0.38, 0.00, 0.03 |
| HSL | 216°, 91%, 66% |
| HSV | 216°, 64%, 97% |
| XYZ | 32.2332, 31.3455, 92.3471 |
| YIQ | 144.2920, -67.4470, 16.4010 |

Conversions

Conversions Part 2

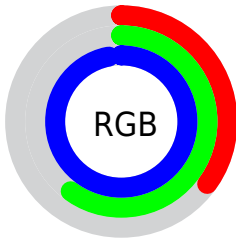
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 90, 134, 247 |
| Decimal | 5937399 |
| CIE Lab | 62.80, 9.03, -53.46 |
| CIE LCh | 63, 54.213, 279.589 |
| Yxy | 31.3455, 0.2067, 0.2010 |
| Android (android.graphics.Color) | 4284127479 (0xFF5A98F7) |
| YUV | 144.2920, 50.6350, -47.6141 |
| Hunter-Lab | 55.9871, 4.7897, -58.6042 |

Details

The XYZ color **32.2332, 31.3455, 92.3471** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **57.5547, 55.2141, 17.2988**, and the grayscale version is **26.4500, 27.8275, 30.3042**.

A 20% lighter version of the original color is **53.0702, 58.0380, 103.0131**, and **14.0456, 13.2204, 50.5267** is the 20% darker color. If you saturate the color by 10%, you get **27.9426, 25.7568, 91.4952**, and if you desaturate by 10%, it is **37.6299, 37.9590, 93.3399**.

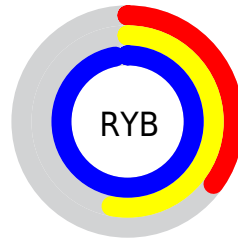
Distribution



Red (35%)

Green (60%)

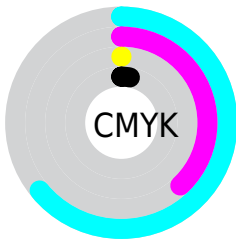
Blue (97%)



Red (35%)

Yellow (53%)

Blue (97%)

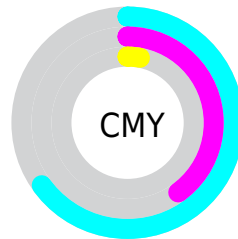


Cyan (64%)

Magenta (38%)

Yellow (0%)

Black (3%)



Cyan (65%)

Magenta (40%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2332, 31.3455, 92.3471 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 32.2332, 31.3455, 92.3471 by changing the saturation by 10% instead.

■ 32.2332, 31.3455,
92.3471

■ 32.2332, 31.3455,
92.3471

303.9066,
308.1269, 556.4026

■ 21.6961, 20.8621,
69.3443

■ 62.5392, 61.7836,
152.5582

■ 13.7491, 13.0232,
50.5187

■ 83.0389, 82.5071,
190.6037

■ 8.0269, 7.4445,
35.4516

■ 107.5900,
107.4127, 234.5004

■ 4.1641, 3.7416,
23.7246

■ 136.5581,
136.8849, 284.6670

■ 1.7954, 1.5301,
14.9192

170.3085,
171.3080, 341.5220

■ 0.5149, 0.3098,
8.6167

209.2064,

■ 0.0000, 0.0000,

211.0665, 405.4839

4.3986

253.6174,
256.5446, 476.9712

■ 0.0000, 0.0000,
1.8465

■ 0.0000, 0.0000,
0.4584

■ 32.2332, 31.3455,
92.3471

■ 32.2332, 31.3455,
92.3471

■ 27.9426, 25.7568,
91.4952

■ 37.6299, 37.9590,
93.3399

■ 24.6604, 21.1245,
90.7741

■ 44.2110, 45.6525,
94.4780

■ 22.2753, 17.3739,
90.1758

■ 52.0513, 54.4801,
95.7687

■ 21.1129, 15.3640,
89.8491

■ 61.2182, 64.4909,
97.2178

■ 71.7738, 75.7310,
98.8310

■ 83.7763, 88.2435,
100.6136

■ 93.7886, 99.4955,
102.2577

Harmonies

Analogous

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



25.0894, 31.3455, 88.5285



32.2332, 31.3455, 92.3471



39.8407, 31.3455, 76.2912

Triad

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



32.2332, 31.3455, 92.3471



42.1949, 31.3455, 14.1524



18.3228, 31.3455, 21.7718

Complementary

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



32.2332, 31.3455, 92.3471



57.5547, 55.2141, 17.2988

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.



21.5948, 31.3455, 11.3336



32.2332, 31.3455, 92.3471



35.0504, 31.3455, 8.3731

Square

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



32.2332, 31.3455, 92.3471



46.1900, 31.3455, 27.7662



27.4791, 31.3455, 7.6156



17.8238, 31.3455, 41.3985

Rectangle

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



32.2332, 31.3455, 92.3471



43.8678, 31.3455, 59.2709



27.4791, 31.3455, 7.6156



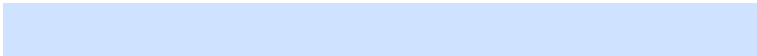
19.1054, 31.3455, 17.3442

Sweetspot

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



32.2344, 31.3465, 92.3479



70.7665, 74.6405, 105.2850



46.1515, 72.1654, 56.9566



14.4689, 15.2508, 22.4311



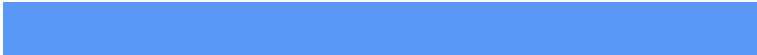
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.2344, 31.3465, 92.3479



29.0362, 26.3172, 98.1571



26.3548, 17.0757, 89.9032



16.1180, 17.0003, 20.9744



11.2948, 8.3834, 47.5609



1.0899, 0.9313, 4.2125

Inverse Universe

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



47.6826, 29.3552, 32.8594



47.4871, 26.4460, 26.5430



68.1593, 84.2995, 22.3540



16.7701, 16.5909, 18.5361



21.5056, 10.9457, 7.3709



1.9392, 0.9817, 0.9063

Previews

White Background



This preview shows how the XYZ color 32.2332, 31.3455, 92.3471 looks on a white background.

Color Contrast Check

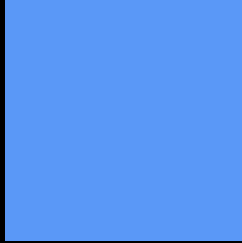
Large Text (above 18pt) WCAG AA × Fail

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 32.2332, 31.3455, 92.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

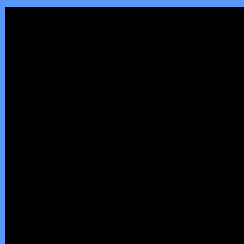
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

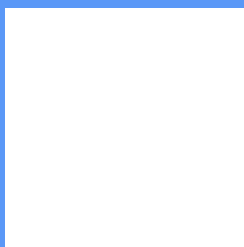
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2332, 31.3455, 92.3471

Background



This preview shows how black text looks on a background with the XYZ color 32.2332, 31.3455, 92.3471.



This preview shows how white text looks on a background with the XYZ color 32.2332, 31.3455,

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

32.2332, 31.3455, 92.3471

Protanopia

33.7070, 31.2283, 89.0451

Deuteranopia

32.3311, 31.3960, 92.3517



Tritanopia

23.3958, 31.3520, 47.9985

Trichromacy



Original Color

32.2332, 31.3455, 92.3471

Protanomaly

32.9023, 31.0298, 89.8432

Deuteranomaly

32.3311, 31.3960, 92.3517

Tritanomaly

25.9587, 31.0427, 61.7504

Monochromacy



Original Color

32.2332, 31.3455, 92.3471

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0864, 28.4887, 47.7873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2332, 31.3455, 92.3471 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(90, 152, 247)` looks like.

```
.text, #text, p{  
    color:rgb(90, 152, 247)  
}
```

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(90, 152, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 152, 247) }
```

Border

The CSS property to change the border of an element to XYZ 32.2332, 31.3455, 92.3471 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(90, 152, 247) }
```


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

```
.border{ border-color:rgb(90, 152, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 152, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 152, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 152, 247);  
box-shadow:4px 4px 4px 4px rgb(90, 152,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2332, 31.3455, 92.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 152, 247) }
```

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

```
.background{ background-color: rgb(90, 152,  
247) }
```

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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