

Converting Colors

XYZ(32.2261, 32.2953, 99.1429)

Have a look what the booklet for
XYZ(32.2261, 32.2953, 99.1429)
contains.

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Color

**XYZ(32.1184, 32.1208,
99.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	419CFF
RGB	65, 156, 255
RGB Percent	25%, 61%, 100%
CMY	0.7450, 0.3882, 0.0000
CMYK	0.75, 0.39, 0.00, 0.00
HSL	211°, 100%, 63%
HSV	211°, 75%, 100%
XYZ	32.1184, 32.1208, 99.1148
YIQ	140.0770, -86.0150, 11.4970

Conversions

Conversions Part 2

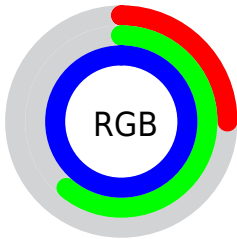
Format	Color
R _{YB}	65, 127, 255
Decimal	4300031
CIE _{Lab}	63.44, 5.84, -56.86
CIE _{LCh}	63, 57.160, 275.863
Y _{xy}	32.1208, 0.1966, 0.1966
Android (android.graphics.Color)	4282490111 (0xFF419CFF)
Y _{UV}	140.0770, 56.6570, -65.8425
Hunter-Lab	56.6752, 1.9761, -64.0149

Details

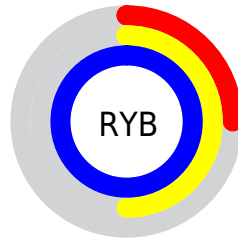
The XYZ color **32.1184, 32.1208, 99.1148** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **55.4720, 48.1968, 11.3822**, and the grayscale version is **24.7699, 26.0598, 28.3792**.

A 20% lighter version of the original color is **51.2499, 58.5474, 103.2074**, and **15.2446, 14.1804, 55.3597** is the 20% darker color. If you saturate the color by 10%, you get **28.6859, 27.2206, 98.3499**, and if you desaturate by 10%, it is **36.5584, 37.9031, 99.9969**.

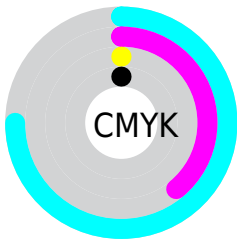
Distribution



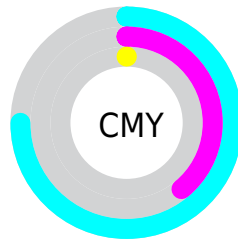
- Red (25%)
- Green (61%)
- Blue (100%)



- Red (25%)
- Yellow (50%)
- Blue (100%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1184, 32.1208, 99.1148 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 32.1184, 32.1208, 99.1148 by changing the saturation by 10% instead.

■ 32.1184, 32.1208,
99.1148

■ 32.1184, 32.1208,
99.1148

303.3940,
311.6692, 578.5733

■ 21.6079, 21.4538,
74.9487

■ 62.3606, 63.0004,
161.9814

■ 13.6841, 13.4561,
55.0694

■ 82.8230, 83.9818,
201.5191

■ 7.9815, 7.7434,
39.0583

■ 107.3335,
109.1701, 247.0176

■ 4.1348, 3.9312,
26.4969

■ 136.2574,
138.9497, 298.8957

■ 1.7787, 1.6351,
16.9667

169.9600,
173.7050, 357.5717

■ 0.5048, 0.3811,
10.0490

208.8068,

■ 0.0000, 0.0000,

213.8205, 423.4643

5.3254

253.1630,
259.6804, 496.9920

■ 0.0000, 0.0000,
2.3774

■ 0.0000, 0.0000,
0.7741

■ 32.1184, 32.1208,
99.1148

■ 32.1184, 32.1208,
99.1148

■ 28.6859, 27.2206,
98.3499

■ 36.5584, 37.9031,
99.9969

■ 26.1379, 23.1266,
97.6940

■ 42.1005, 44.6265,
101.0026

■ 25.0249, 21.1697,
97.3750

■ 48.8313, 52.3464,
102.1379

■ 56.8268, 61.1124,
103.4085

■ 66.1565, 70.9698,
104.8195

■ 76.8842, 81.9612,
106.3756

■ 89.0696, 94.1263,
108.0815

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



24.6950, 32.1208, 92.0805



32.1184, 32.1208, 99.1148



40.3912, 32.1208, 83.8129

Triad

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



32.1184, 32.1208, 99.1148



44.6719, 32.1208, 15.0826



18.5952, 32.1208, 19.9509

Complementary

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



32.1184, 32.1208, 99.1148



55.4720, 48.1968, 11.3822

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.



22.4203, 32.1208, 10.1373



32.1184, 32.1208, 99.1148



37.2182, 32.1208, 8.3018

Square

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



32.1184, 32.1208, 99.1148



48.4039, 32.1208, 30.6893



28.9946, 32.1208, 6.9971



17.7068, 32.1208, 39.6402

Rectangle

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



32.1184, 32.1208, 99.1148



45.0132, 32.1208, 65.7490



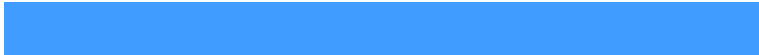
28.9946, 32.1208, 6.9971



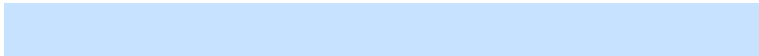
19.5433, 32.1208, 15.7078

Sweetspot

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



32.1196, 32.1218, 99.1150



68.7098, 73.6148, 105.1954



44.5672, 75.2948, 46.9161



14.1159, 15.1443, 22.4291



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.



32.1196, 32.1218, 99.1150



27.4391, 25.2854, 98.0421



22.3375, 12.2375, 95.7925



17.7208, 18.8131, 22.9473



13.2235, 11.3567, 50.9297



1.3961, 1.3230, 4.9950

Inverse Universe

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



49.1319, 27.4424, 34.1606



46.1532, 23.8916, 25.7486



76.7991, 92.5662, 18.8223



18.3717, 18.1320, 20.5745



23.4628, 11.8744, 11.0877



2.3393, 1.1781, 1.3683

Previews

White Background



This preview shows how the XYZ color 32.1184, 32.1208, 99.1148 looks on a white background.

Color Contrast Check

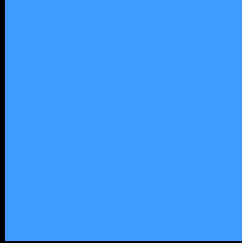
Large Text (above 18pt) WCAG AA × Fail

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 32.1184, 32.1208, 99.1148 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

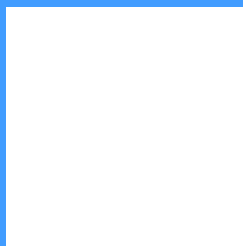
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1184, 32.1208, 99.1148

Background



This preview shows how black text looks on a background with the XYZ color 32.1184, 32.1208, 99.1148.



This preview shows how white text looks on a background with the XYZ color 32.1184, 32.1208,

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

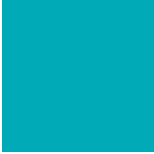
32.1184, 32.1208, 99.1148

Protanopia

34.6564, 31.8452, 93.9427

Deuteranopia

33.1729, 32.1702, 99.0688



Tritanopia

22.9220, 32.1683, 49.8007

Trichromacy



Original Color

32.1184, 32.1208, 99.1148

Protanomaly

33.4647, 31.9083, 95.6619

Deuteranomaly

32.7518, 32.1992, 99.0966

Tritanomaly

25.3404, 31.7079, 65.1063

Monochromacy



Original Color

32.1184, 32.1208, 99.1148

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5324, 27.4459, 48.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1184, 32.1208, 99.1148 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, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(65, 156, 255)  
}
```

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, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 156, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.1184, 32.1208, 99.1148 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, 156, 255) }
```


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

```
.border{ border-color:rgb(65, 156, 255) }
```

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

Here you see how a box with a 4 pixel rgb(65, 156, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(65, 156,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1184, 32.1208, 99.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 156, 255) }
```

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

```
.background{ background-color: rgb(65, 156,  
255) }
```

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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