

Converting Colors

XYZ(32.2013, 32.6658, 99.2157)

Have a look what the booklet for
XYZ(32.2013, 32.6658, 99.2157)
contains.

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Color

**XYZ(32.2013, 32.6658,
99.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9EFF
RGB	61, 158, 255
RGB Percent	24%, 62%, 100%
CMY	0.7607, 0.3804, 0.0000
CMYK	0.76, 0.38, 0.00, 0.00
HSL	210°, 100%, 62%
HSV	210°, 76%, 100%
XYZ	32.2013, 32.6658, 99.2157
YIQ	140.0550, -88.9490, 9.6030

Conversions

Conversions Part 2

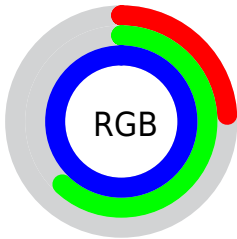
Format	Color
R _{YB}	61, 126, 255
Decimal	4038399
CIE Lab	63.89, 4.21, -56.16
CIE LCh	64, 56.314, 274.290
Yxy	32.6658, 0.1963, 0.1991
Android (android.graphics.Color)	4282228479 (0xFF3D9EFF)
YUV	140.0550, 56.6679, -69.3312
Hunter-Lab	57.1540, 0.5497, -62.9159

Details

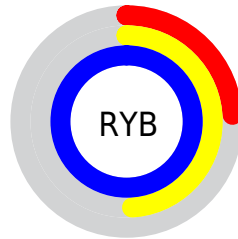
The XYZ color **32.2013, 32.6658, 99.2157** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **54.3118, 46.0554, 10.4440**, and the grayscale version is **24.7623, 26.0518, 28.3705**.

A 20% lighter version of the original color is **51.2663, 59.2935, 103.3505**, and **15.4507, 14.5926, 55.4284** is the 20% darker color. If you saturate the color by 10%, you get **28.9245, 27.9139, 98.4712**, and if you desaturate by 10%, it is **36.4515, 38.2553, 100.0705**.

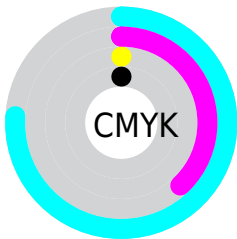
Distribution



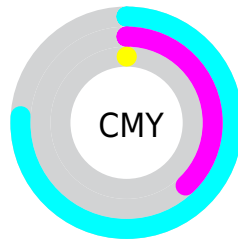
- Red (24%)
- Green (62%)
- Blue (100%)



- Red (24%)
- Yellow (49%)
- Blue (100%)



- Cyan (76%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2013, 32.6658, 99.2157 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 32.2013, 32.6658, 99.2157 by changing the saturation by 10% instead.

■ 32.2013, 32.6658,
99.2157

■ 32.2013, 32.6658,
99.2157

303.7642,
314.1411, 578.9004

■ 21.6716, 21.8706,
75.0325

■ 62.4896, 63.8534,
162.1214

■ 13.7310, 13.7618,
55.1376

■ 82.9789, 85.0146,
201.6810

■ 8.0143, 7.9552,
39.1126

■ 107.5188,
110.3998, 247.2031

■ 4.1560, 4.0663,
26.5388

■ 136.4746,
140.3935, 299.1063

■ 1.7907, 1.7107,
16.9978

170.2117,
175.3801, 357.8090

■ 0.5121, 0.4306,
10.0710

209.0954,

■ 0.0000, 0.0000,

215.7440, 423.7299

5.3398

253.4912,
261.8695, 497.2875

■ 0.0000, 0.0000,
2.3858

■ 0.0000, 0.0000,
0.7787

■ 32.2013, 32.6658,
99.2157

■ 32.2013, 32.6658,
99.2157

■ 28.9245, 27.9139,
98.4712

■ 36.4515, 38.2553,
100.0705

■ 26.4946, 23.9231,
97.8289

■ 41.7714, 44.7406,
101.0419

■ 25.7031, 22.5262,
97.6010

■ 48.2483, 52.1764,
102.1358

■ 55.9589, 60.6113,
103.3575

■ 64.9724, 70.0895,
104.7120

■ 75.3530, 80.6526,
106.2037

■ 87.1601, 92.3392,
107.8372

■ 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.



24.8975, 32.6658, 91.1299



32.2013, 32.6658, 99.2157



40.4444, 32.6658, 85.1552

Triad

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



32.2013, 32.6658, 99.2157



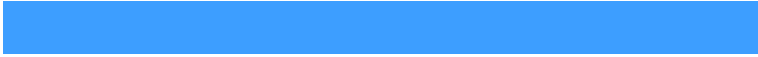
45.4098, 32.6658, 16.2166



19.2464, 32.6658, 19.8006

Complementary

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



32.2013, 32.6658, 99.2157



54.3118, 46.0554, 10.4440

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.



23.2326, 32.6658, 10.3289



32.2013, 32.6658, 99.2157



38.1358, 32.6658, 8.9629

Square

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



32.2013, 32.6658, 99.2157



48.8494, 32.6658, 32.4030



29.9223, 32.6658, 7.3907



18.2006, 32.6658, 38.9316

Rectangle

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



32.2013, 32.6658, 99.2157



45.1314, 32.6658, 67.5900



29.9223, 32.6658, 7.3907



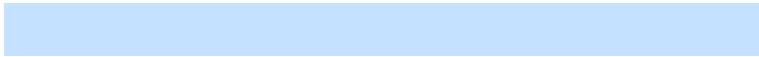
20.2491, 32.6658, 15.6976

Sweetspot

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



32.2025, 32.6668, 99.2158



68.0137, 73.2179, 105.1555



43.8576, 74.9814, 44.5124



13.7952, 14.8866, 22.3963



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.



32.2025, 32.6668, 99.2158



27.6302, 25.8575, 98.1425



21.6449, 11.5516, 95.6966



17.7534, 18.8783, 22.9581



13.5797, 12.0690, 51.0484



1.4314, 1.3935, 5.0068

Inverse Universe

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



49.0812, 27.0677, 34.9861



46.2033, 23.7339, 26.5597



77.8427, 93.1171, 18.2876



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0344



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 32.2013, 32.6658, 99.2157 looks on a white background.

Color Contrast Check

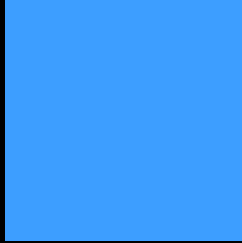
Large Text (above 18pt) WCAG AA × Fail

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 32.2013, 32.6658, 99.2157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

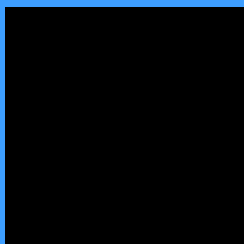
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

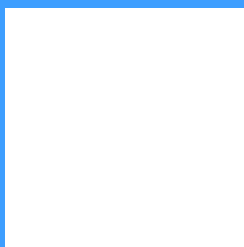
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2013, 32.6658, 99.2157

Background



This preview shows how black text looks on a background with the XYZ color 32.2013, 32.6658, 99.2157.



This preview shows how white text looks on a background with the XYZ color 32.2013, 32.6658,

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

32.2013, 32.6658, 99.2157

Protanopia

35.0521, 32.3030, 93.1946

Deuteranopia

33.7018, 32.6889, 99.1411



Tritanopia

23.2146, 32.5865, 50.4137

Trichromacy



Original Color

32.2013, 32.6658, 99.2157

Protanomaly

33.6277, 32.2343, 95.7163

Deuteranomaly

33.0804, 32.6166, 99.1599

Tritanomaly

25.6000, 32.0962, 65.8187

Monochromacy



Original Color

32.2013, 32.6658, 99.2157

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.4328, 27.6243, 48.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2013, 32.6658, 99.2157 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, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 158, 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(61, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.2013, 32.6658, 99.2157 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, 158, 255) }
```


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

```
.border{ border-color:rgb(61, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2013, 32.6658, 99.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 158, 255) }
```

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

```
.background{ background-color: rgb(61, 158,  
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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