

Converting Colors

XYZ(32.6074, 33.3857, 99.3332)

Have a look what the booklet for
XYZ(32.6074, 33.3857, 99.3332)
contains.

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Color

**XYZ(32.6074, 33.3857,
99.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	3EA0FF
RGB	62, 160, 255
RGB Percent	24%, 63%, 100%
CMY	0.7568, 0.3725, 0.0000
CMYK	0.76, 0.37, 0.00, 0.00
HSL	210°, 100%, 62%
HSV	210°, 76%, 100%
XYZ	32.6074, 33.3857, 99.3332
YIQ	141.5280, -88.9030, 8.7690

Conversions

Conversions Part 2

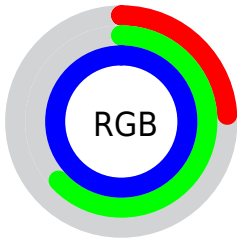
Format	Color
R _{YB}	62, 127, 255
Decimal	4104447
CIE _{Lab}	64.47, 3.16, -55.23
CIE _{LCh}	64, 55.319, 273.275
Yxy	33.3857, 0.1972, 0.2019
Android (android.graphics.Color)	4282294527 (0xFF3EA0FF)
YUV	141.5280, 55.9417, -69.7461
Hunter-Lab	57.7804, -0.3821, -61.4822

Details

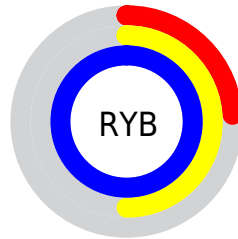
The XYZ color **32.6074, 33.3857, 99.3332** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **54.1693, 45.7266, 10.5307**, and the grayscale version is **25.3388, 26.6584, 29.0310**.

A 20% lighter version of the original color is **51.9281, 60.3815, 103.5256**, and **15.6617, 15.0145, 55.4987** is the 20% darker color. If you saturate the color by 10%, you get **29.2993, 28.6117, 98.5861**, and if you desaturate by 10%, it is **36.8869, 38.9875, 100.1889**.

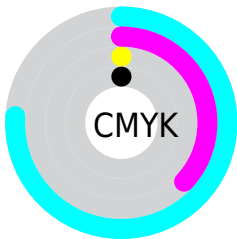
Distribution



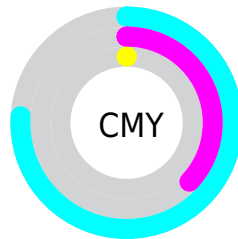
- Red (24%)
- Green (63%)
- Blue (100%)



- Red (24%)
- Yellow (50%)
- Blue (100%)



- Cyan (76%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6074, 33.3857, 99.3332 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 32.6074, 33.3857, 99.3332 by changing the saturation by 10% instead.

■ 32.6074, 33.3857,
99.3332

■ 32.6074, 33.3857,
99.3332

305.5733,
317.3841, 579.2811

■ 21.9837, 22.4221,
75.1300

■ 63.1209, 64.9772,
162.2844

■ 13.9614, 14.1674,
55.2170

■ 83.7413, 86.3739,
201.8695

■ 8.1754, 8.2372,
39.1757

■ 108.4247,
112.0171, 247.4190

■ 4.2601, 4.2471,
26.5876

■ 137.5364,
142.2912, 299.3514

■ 1.8503, 1.8127,
17.0340

171.4418,
177.5805, 358.0853

■ 0.5477, 0.4951,
10.0965

210.5061,

■ 0.0000, 0.0000,

218.2695, 424.0392

5.3566

255.0948,
264.7426, 497.6316

■ 0.0000, 0.0000,
2.3956

■ 0.0000, 0.0000,
0.7840

■ 32.6074, 33.3857,
99.3332

■ 32.6074, 33.3857,
99.3332

■ 29.2993, 28.6117,
98.5861

■ 36.8869, 38.9875,
100.1889

■ 26.8377, 24.5902,
97.9396

■ 42.2333, 45.4743,
101.1592

■ 25.9628, 23.0456,
97.6876

■ 48.7330, 52.8999,
102.2499

■ 56.4619, 61.3120,
103.4663

■ 65.4891, 70.7544,
104.8131

■ 75.8780, 81.2678,
106.2948

■ 87.6877, 92.8903,
107.9157

■ 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.



25.3825, 33.3857, 90.6590



32.6074, 33.3857, 99.3332



40.8121, 33.3857, 86.1670

Triad

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



32.6074, 33.3857, 99.3332



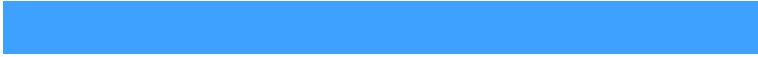
46.1928, 33.3857, 17.3334



20.0116, 33.3857, 20.0942

Complementary

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



32.6074, 33.3857, 99.3332



54.1693, 45.7266, 10.5307

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.



24.1099, 33.3857, 10.7706



32.6074, 33.3857, 99.3332



39.0610, 33.3857, 9.7038

Square

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



32.6074, 33.3857, 99.3332



49.4310, 33.3857, 33.9234



30.8726, 33.3857, 7.9285



18.8600, 33.3857, 38.8924

Rectangle

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



32.6074, 33.3857, 99.3332



45.5227, 33.3857, 69.0431



30.8726, 33.3857, 7.9285



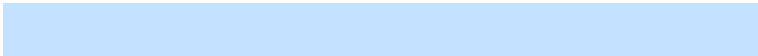
21.0526, 33.3857, 16.0573

Sweetspot

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



32.6086, 33.3867, 99.3334



68.1375, 73.4656, 105.1968



43.6885, 74.9210, 43.2973



13.8251, 14.9464, 22.4062



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.



32.6086, 33.3867, 99.3334



27.8934, 26.3839, 98.2302



21.9412, 12.0519, 95.7776



17.7654, 18.9025, 22.9622



13.7159, 12.3415, 51.0938



1.4448, 1.4203, 5.0113

Inverse Universe

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



49.3087, 27.2450, 35.9183



46.3361, 23.7871, 27.2593



76.8524, 91.0929, 18.0918



18.3942, 18.1410, 20.6932



23.7114, 11.9738, 12.3965



2.3639, 1.1879, 1.4976

Previews

White Background



This preview shows how the XYZ color 32.6074, 33.3857, 99.3332 looks on a white background.

Color Contrast Check

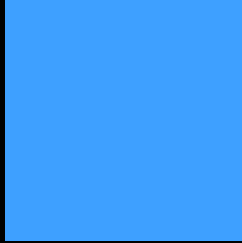
Large Text (above 18pt) WCAG AA × Fail

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 32.6074, 33.3857, 99.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

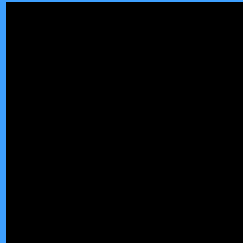
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

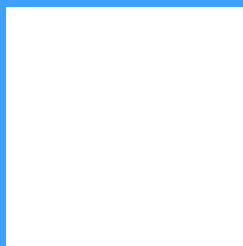
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6074, 33.3857, 99.3332

Background



This preview shows how black text looks on a background with the XYZ color 32.6074, 33.3857, 99.3332.



This preview shows how white text looks on a background with the XYZ color 32.6074, 33.3857,

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

32.6074, 33.3857, 99.3332

Protanopia

35.7793, 33.1557, 93.3209

Deuteranopia

34.3521, 33.2722, 99.2194



Tritanopia

23.8065, 33.4323, 51.6527

Trichromacy



Original Color

32.6074, 33.3857, 99.3332

Protanomaly

34.1709, 33.0044, 95.8363

Deuteranomaly

33.5003, 33.0833, 99.2278

Tritanomaly

26.1139, 32.8906, 66.6002

Monochromacy



Original Color

32.6074, 33.3857, 99.3332

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1047, 28.4245, 48.9104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6074, 33.3857, 99.3332 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(62, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(62, 160, 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(62, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.6074, 33.3857, 99.3332 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(62, 160, 255) }
```


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

```
.border{ border-color:rgb(62, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(62, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6074, 33.3857, 99.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 160, 255) }
```

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

```
.background{ background-color: rgb(62, 160,  
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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