

Converting Colors

XYZ(32.6537, 32.5588, 99.1712)

Have a look what the booklet for
XYZ(32.6537, 32.5588, 99.1712)
contains.

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Color

**XYZ(32.7055, 32.6735,
99.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	479DFF
RGB	71, 157, 255
RGB Percent	28%, 62%, 100%
CMY	0.7215, 0.3843, 0.0000
CMYK	0.72, 0.38, 0.00, 0.00
HSL	212°, 100%, 64%
HSV	212°, 72%, 100%
XYZ	32.7055, 32.6735, 99.1906
YIQ	142.4580, -82.7140, 12.2460

Conversions

Conversions Part 2

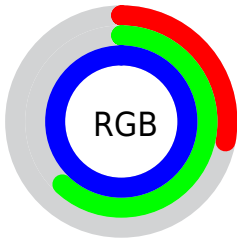
Format	Color
R _Y B	71, 130, 255
Decimal	4693503
CIE Lab	63.90, 6.00, -56.13
CIE LCh	64, 56.448, 276.097
Yxy	32.6735, 0.1987, 0.1985
Android (android.graphics.Color)	4282883583 (0xFF479DFF)
YUV	142.4580, 55.4832, -62.6687
Hunter-Lab	57.1607, 2.1006, -62.8730

Details

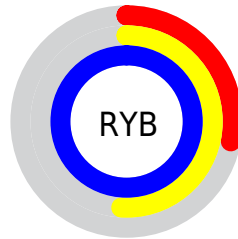
The XYZ color **32.7055, 32.6735, 99.1906** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **56.5679, 50.0953, 12.6513**, and the grayscale version is **25.7048, 27.0434, 29.4503**.

A 20% lighter version of the original color is **52.1595, 59.3840, 103.3209**, and **15.3471, 14.3853, 55.3938** is the 20% darker color. If you saturate the color by 10%, you get **29.0404, 27.5606, 98.3969**, and if you desaturate by 10%, it is **37.4124, 38.7035, 100.1064**.

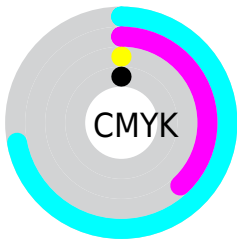
Distribution



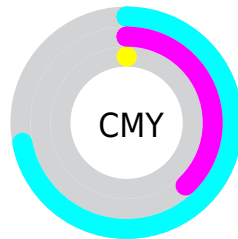
- Red (28%)
- Green (62%)
- Blue (100%)



- Red (28%)
- Yellow (51%)
- Blue (100%)



- Cyan (72%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7055, 32.6735, 99.1906 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 32.7055, 32.6735, 99.1906 by changing the saturation by 10% instead.

■ 32.7055, 32.6735,
99.1906

■ 32.7055, 32.6735,
99.1906

306.0091,
314.1759, 578.8190

■ 22.0591, 21.8764,
75.0116

■ 63.2732, 63.8654,
162.0866

■ 14.0172, 13.7661,
55.1206

■ 83.9253, 85.0291,
201.6407

■ 8.2144, 7.9582,
39.0991

■ 108.6432,
110.4171, 247.1570

■ 4.2854, 4.0682,
26.5284

■ 137.7924,
140.4139, 299.0539

■ 1.8648, 1.7118,
16.9900

171.7383,
175.4037, 357.7500

■ 0.5563, 0.4313,
10.0655

210.8461,

■ 0.0000, 0.0000,

215.7711, 423.6639

5.3362

255.4813,
261.9004, 497.2140

■ 0.0000, 0.0000,
2.3837

■ 0.0000, 0.0000,
0.7775

■ 32.7055, 32.6735,
99.1906

■ 32.7055, 32.6735,
99.1906

■ 29.0404, 27.5606,
98.3969

■ 37.4124, 38.7035,
100.1064

■ 26.2997, 23.2907,
97.7172

■ 43.2529, 45.7085,
101.1507

■ 24.6679, 20.4558,
97.2560

■ 50.3114, 53.7437,
102.3296

■ 58.6629, 62.8586,
103.6488

■ 68.3758, 73.0989,
105.1134

■ 79.5134, 84.5071,
106.7284

■ 92.1347, 97.1236,
108.4984

■ 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.



25.2693, 32.6735, 92.4104



32.7055, 32.6735, 99.1906



40.9490, 32.6735, 83.9079

Triad

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



32.7055, 32.6735, 99.1906



45.1011, 32.6735, 15.5293



19.0815, 32.6735, 20.6342

Complementary

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



32.7055, 32.6735, 99.1906



56.5679, 50.0953, 12.6513

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.



22.8991, 32.6735, 10.6465



32.7055, 32.6735, 99.1906



37.6630, 32.6735, 8.7006

Square

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



32.7055, 32.6735, 99.1906



48.8493, 32.6735, 31.1301



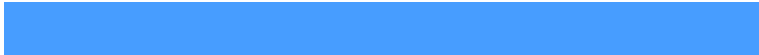
29.4613, 32.6735, 7.4010



18.2109, 32.6735, 40.4260

Rectangle

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



32.7055, 32.6735, 99.1906



45.5325, 32.6735, 65.9721



29.4613, 32.6735, 7.4010



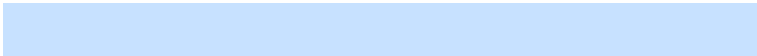
20.0266, 32.6735, 16.3319

Sweetspot

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



32.7067, 32.6745, 99.1907



68.5340, 73.2632, 105.1368



45.2491, 75.6159, 48.3219



14.0745, 15.0616, 22.4153



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.



32.7067, 32.6745, 99.1907



27.6041, 25.3900, 98.0536



23.1342, 13.1871, 95.9338



17.7029, 18.7774, 22.9413



13.0358, 10.9812, 50.8671



1.3774, 1.2855, 4.9888

Inverse Universe

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



49.5800, 28.2025, 34.7294



46.2915, 24.1574, 25.8276



77.0186, 92.6581, 19.7889



18.3627, 18.1284, 20.5270



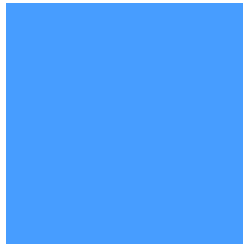
23.3681, 11.8365, 10.5887



2.3299, 1.1743, 1.3184

Previews

White Background



This preview shows how the XYZ color 32.7055, 32.6735, 99.1906 looks on a white background.

Color Contrast Check

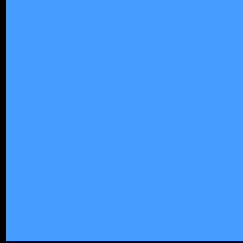
Large Text (above 18pt) WCAG AA × Fail

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 32.7055, 32.6735, 99.1906 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

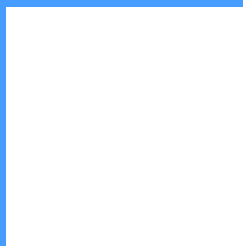
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7055, 32.6735, 99.1906

Background



This preview shows how black text looks on a background with the XYZ color 32.7055, 32.6735, 99.1906.



This preview shows how white text looks on a background with the XYZ color 32.7055, 32.6735,

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

32.7055, 32.6735, 99.1906

Protanopia

35.2357, 32.6176, 94.0612

Deuteranopia

33.7018, 32.6889, 99.1411



Tritanopia

23.2146, 32.5865, 50.4137

Trichromacy



Original Color

32.7055, 32.6735, 99.1906

Protanomaly

33.9494, 32.4001, 95.7313

Deuteranomaly

33.3318, 32.7463, 99.1716

Tritanomaly

25.6951, 32.1452, 65.8231

Monochromacy



Original Color

32.7055, 32.6735, 99.1906

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1834, 27.9993, 48.8241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7055, 32.6735, 99.1906 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(71, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 157, 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(71, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.7055, 32.6735, 99.1906 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(71, 157, 255) }
```


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

```
.border{ border-color:rgb(71, 157, 255) }
```

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

Here you see how a box with a 4 pixel rgb(71, 157, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 157,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7055, 32.6735, 99.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 157, 255) }
```

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

```
.background{ background-color: rgb(71, 157,  
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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