

Converting Colors

XYZ(40.3826, 34.2325,
123.7534)

Have a look what the booklet for
XYZ(40.3826, 34.2325, 123.7534)
contains.

XYZ(35.6075, 32.2256, 98.9512)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6075, 32.2256,
98.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	7195FF
RGB	113, 149, 255
RGB Percent	44%, 58%, 100%
CMY	0.5568, 0.4157, 0.0000
CMYK	0.56, 0.42, 0.00, 0.00
HSL	225°, 100%, 72%
HSV	225°, 56%, 100%
XYZ	35.6075, 32.2256, 98.9512
YIQ	150.3200, -55.4820, 25.3340

Conversions

Conversions Part 2

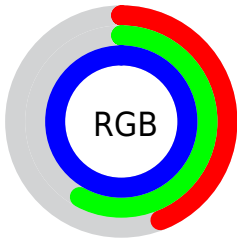
Format	Color
RYB	113, 142, 255
Decimal	7443967
CIELab	63.53, 17.65, -56.61
CIElCh	64, 59.292, 287.315
Yxy	32.2256, 0.2135, 0.1932
Android (android.graphics.Color)	4285634047 (0xFF7195FF)
YUV	150.3200, 51.6072, -32.7296
Hunter-Lab	56.7676, 12.6209, -63.6107

Details

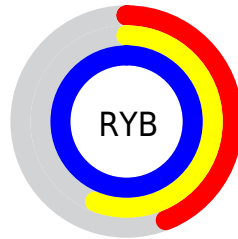
The XYZ color **35.6075, 32.2256, 98.9512** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.5539, 73.1182, 26.0722**, and the grayscale version is **28.9310, 30.4377, 33.1466**.

A 20% lighter version of the original color is **56.6395, 58.8161, 102.9752**, and **15.7371, 13.5588, 55.2138** is the 20% darker color. If you saturate the color by 10%, you get **30.0061, 25.2269, 97.8955**, and if you desaturate by 10%, it is **42.6249, 40.6858, 100.2143**.

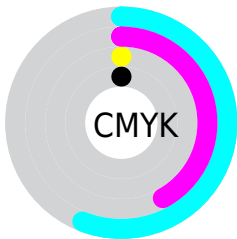
Distribution



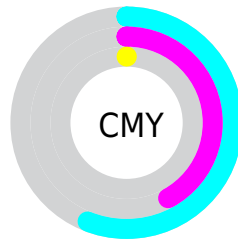
- Red (44%)
- Green (58%)
- Blue (100%)



- Red (44%)
- Yellow (56%)
- Blue (100%)



- Cyan (56%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6075, 32.2256, 98.9512 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 35.6075, 32.2256, 98.9512 by changing the saturation by 10% instead.

■ 35.6075, 32.2256,
98.9512

■ 35.6075, 32.2256,
98.9512

318.7030,
312.1457, 578.0428

■ 24.2999, 21.5339,
74.8129

■ 67.7537, 63.1646,
161.7544

■ 15.6822, 13.5148,
54.9588

■ 89.3230, 84.1806,
201.2565

■ 9.3890, 7.7840,
38.9704

■ 115.0435,
109.4069, 246.7169

■ 5.0549, 3.9570,
26.4290

145.2807,
139.2278, 298.5541

■ 2.3146, 1.6496,
16.9162

180.3999,
174.0278, 357.1868

■ 0.8021, 0.3907,
10.0135

220.7664,

■ 0.0000, 0.0000,

214.1911, 423.0335

5.3022

266.7457,
260.1023, 496.5126

■ 0.0000, 0.0000,
2.3638

■ 0.0000, 0.0000,
0.7666

■ 35.6075, 32.2256,
98.9512

■ 35.6075, 32.2256,
98.9512

■ 30.0061, 25.2269,
97.8955

■ 42.6249, 40.6858,
100.2143

■ 25.7139, 19.5980,
97.0353

■ 51.1472, 50.6851,
101.6952

■ 22.6134, 15.2402,
96.3575

■ 61.2599, 62.2990,
103.4039

■ 20.5614, 12.0377,
95.8475

■ 73.0408, 75.5970,
105.3498

■ 19.9198, 10.9596,
95.6733

■ 86.5627, 90.6444,
107.5415

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.



27.2703, 32.2256, 100.8632



35.6075, 32.2256, 98.9512



43.8612, 32.2256, 75.8789

Triad

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



35.6075, 32.2256, 98.9512



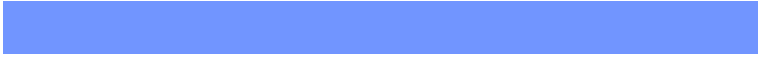
42.7177, 32.2256, 11.1371



17.5931, 32.2256, 26.0120

Complementary

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



35.6075, 32.2256, 98.9512



69.5539, 73.1182, 26.0722

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.



20.3687, 32.2256, 12.3914



35.6075, 32.2256, 98.9512



34.2538, 32.2256, 6.7804

Square

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



35.6075, 32.2256, 98.9512



48.4462, 32.2256, 23.2096



26.1385, 32.2256, 7.1036



17.8238, 32.2256, 50.4539

Rectangle

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



35.6075, 32.2256, 98.9512



47.7582, 32.2256, 55.7331



26.1385, 32.2256, 7.1036



18.1811, 32.2256, 20.2984

Sweetspot

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



35.6087, 32.2266, 98.9513



71.3919, 73.7478, 105.0797



55.1129, 80.0480, 78.2839



14.7546, 15.1935, 22.4049



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.



35.6087, 32.2266, 98.9513



29.3685, 24.4096, 97.7714



35.8346, 25.1555, 97.5746



17.3772, 18.1259, 22.8327



10.5083, 5.9261, 50.0246



1.1060, 0.7427, 4.8983

Inverse Universe

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



52.5709, 35.2418, 32.4661



48.2828, 29.1683, 23.3214



68.8249, 88.2212, 29.0258



18.1983, 18.0626, 19.6612



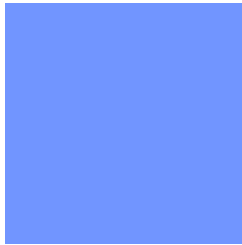
22.0923, 11.3262, 3.8704



2.1929, 1.1195, 0.5970

Previews

White Background



This preview shows how the XYZ color 35.6075, 32.2256, 98.9512 looks on a white background.

Color Contrast Check

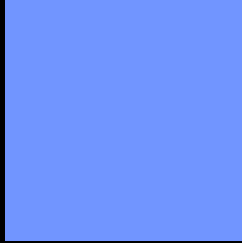
Large Text (above 18pt) WCAG AA × Fail

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 35.6075, 32.2256, 98.9512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

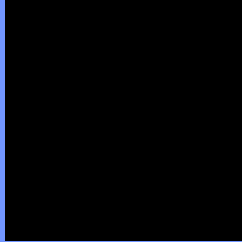
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6075, 32.2256, 98.9512

Background



This preview shows how black text looks on a background with the XYZ color 35.6075, 32.2256, 98.9512.



This preview shows how white text looks on a background with the XYZ color 35.6075, 32.2256,

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

35.6075, 32.2256, 98.9512

Protanopia

35.3868, 32.3477, 98.9864

Deuteranopia

33.3755, 32.2932, 98.2401



Tritanopia

25.2480, 32.0498, 47.5033

Trichromacy



Original Color

35.6075, 32.2256, 98.9512

Protanomaly

35.5119, 32.4122, 98.9922

Deuteranomaly

33.9415, 32.0990, 98.1728

Tritanomaly

28.3799, 31.7342, 63.6610

Monochromacy



Original Color

35.6075, 32.2256, 98.9512

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.3000, 30.7619, 51.9176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6075, 32.2256, 98.9512 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(113, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 149, 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(113, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 149, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.6075, 32.2256, 98.9512 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(113, 149, 255) }
```


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

```
.border{ border-color:rgb(113, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 149,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6075, 32.2256, 98.9512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 149, 255) }
```

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

```
.background{ background-color: rgb(113,  
149, 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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