

Converting Colors

XYZ(41.9062, 34.6653,
126.1717)

Have a look what the booklet for
XYZ(41.9062, 34.6653, 126.1717)
contains.

XYZ(36.6659, 32.5374, 98.9556)	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(36.6659, 32.5374,
98.9556)**

Conversions

Conversions Part 1

Format	Color
Hex	7A94FF
RGB	122, 148, 255
RGB Percent	48%, 58%, 100%
CMY	0.5215, 0.4196, 0.0000
CMYK	0.52, 0.42, 0.00, 0.00
HSL	228°, 100%, 74%
HSV	228°, 52%, 100%
XYZ	36.6659, 32.5374, 98.9556
YIQ	152.4240, -49.8430, 27.7650

Conversions

Conversions Part 2

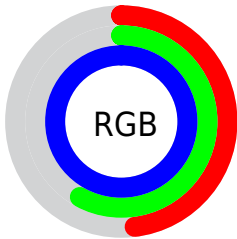
Format	Color
RYB	122, 144, 255
Decimal	8033535
CIELab	63.78, 20.08, -56.17
CIELCh	64, 59.649, 289.673
Yxy	32.5374, 0.2180, 0.1935
Android (android.graphics.Color)	4286223615 (0xFF7A94FF)
YUV	152.4240, 50.5700, -26.6818
Hunter-Lab	57.0416, 14.9158, -62.9271

Details

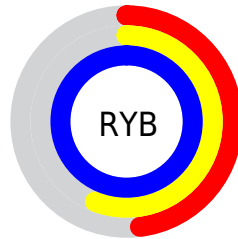
The XYZ color **36.6659, 32.5374, 98.9556** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.7736, 78.7060, 29.7704**, and the grayscale version is **29.8330, 31.3866, 34.1800**.

A 20% lighter version of the original color is **58.2266, 59.2848, 102.9820**, and **16.3644, 13.7424, 55.2161** is the 20% darker color. If you saturate the color by 10%, you get **30.5796, 25.0390, 97.8290**, and if you desaturate by 10%, it is **44.2719, 41.6667, 100.3168**.

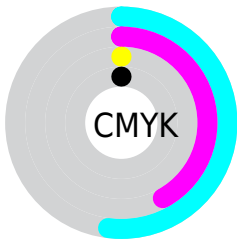
Distribution



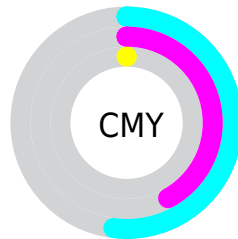
- Red (48%)
- Green (58%)
- Blue (100%)



- Red (48%)
- Yellow (56%)
- Blue (100%)



- Cyan (52%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6659, 32.5374, 98.9556 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 36.6659, 32.5374, 98.9556 by changing the saturation by 10% instead.

■ 36.6659, 32.5374,
98.9556

■ 36.6659, 32.5374,
98.9556

323.2425,
313.5601, 578.0571

■ 25.1214, 21.7723,
74.8166

■ 69.3758, 63.6526,
161.7605

■ 16.2967, 13.6897,
54.9618

■ 91.2719, 84.7715,
201.2635

■ 9.8266, 7.9052,
38.9728

■ 117.3493,
110.1105, 246.7249

■ 5.3455, 4.0343,
26.4309

147.9733,
140.0539, 298.5633

■ 2.4882, 1.6928,
16.9176

183.5093,
174.9862, 357.1972

■ 0.8893, 0.4190,
10.0144

224.3225,

■ 0.0000, 0.0000,

215.2917, 423.0450

5.3028

270.7785,
261.3549, 496.5255

■ 0.0000, 0.0000,
2.3642

■ 0.0000, 0.0000,
0.7668

■ 36.6659, 32.5374,
98.9556

■ 36.6659, 32.5374,
98.9556

■ 30.5796, 25.0390,
97.8290

■ 44.2719, 41.6667,
100.3168

■ 25.9036, 19.0691,
96.9232

■ 53.4896, 52.5143,
101.9248

■ 22.5188, 14.5180,
96.2231

■ 64.4076, 65.1652,
103.7912

■ 20.2833, 11.2582,
95.7117

■ 77.1069, 79.6976,
105.9269

■ 19.1840, 9.4879,
95.4280

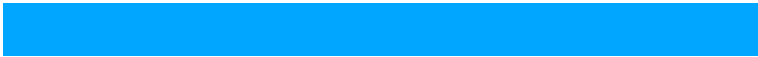
■ 91.6635, 96.1849,
108.3421

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.



28.1299, 32.5374, 102.8609



36.6659, 32.5374, 98.9556



44.8878, 32.5374, 74.4049

Triad

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



36.6659, 32.5374, 98.9556



42.5525, 32.5374, 10.6276



17.6421, 32.5374, 27.7917

Complementary

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



36.6659, 32.5374, 98.9556



72.7736, 78.7060, 29.7704

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.



20.2084, 32.5374, 13.1893



36.6659, 32.5374, 98.9556



33.9011, 32.5374, 6.6790

Square

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



36.6659, 32.5374, 98.9556



48.6883, 32.5374, 22.0670



25.8184, 32.5374, 7.3387



18.1130, 32.5374, 53.3184

Rectangle

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



36.6659, 32.5374, 98.9556



48.6034, 32.5374, 53.9696



25.8184, 32.5374, 7.3387



18.1570, 32.5374, 21.7088

Sweetspot

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



36.6671, 32.5384, 98.9557



72.0078, 73.8819, 105.0732



57.8462, 81.2817, 86.3312



14.8522, 15.1725, 22.3957



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.



36.6671, 32.5384, 98.9557



30.1313, 24.4766, 97.7441



39.8910, 28.8118, 98.0665



17.2904, 17.9524, 22.8038



10.1051, 5.1197, 49.8902



1.0554, 0.6416, 4.8815

Inverse Universe

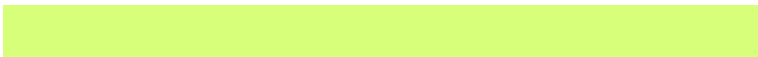
The Inverse Universe completely reimagines the original color for something new.



53.5457, 37.3187, 32.3989



49.0238, 30.8278, 23.0214



67.3274, 87.3878, 31.7332



18.1545, 18.0451, 19.4306



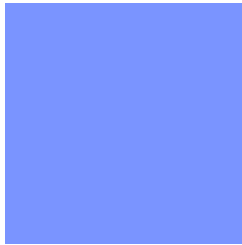
21.8888, 11.2448, 2.7988



2.1673, 1.1093, 0.4627

Previews

White Background



This preview shows how the XYZ color 36.6659, 32.5374, 98.9556 looks on a white background.

Color Contrast Check

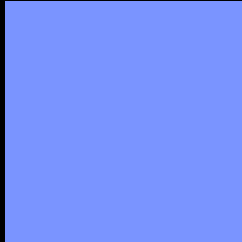
Large Text (above 18pt) WCAG AA × Fail

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 36.6659, 32.5374, 98.9556 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 36.6659, 32.5374, 98.9556

Background



This preview shows how black text looks on a background with the XYZ color 36.6659, 32.5374, 98.9556.



This preview shows how white text looks on a background with the XYZ color 36.6659, 32.5374,

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

36.6659, 32.5374, 98.9556

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.6674, 32.7082, 97.4674



Tritanopia

26.3149, 32.6114, 47.0272

Trichromacy



Original Color

36.6659, 32.5374, 98.9556

Protanomaly

36.0266, 32.6775, 99.0163

Deuteranomaly

34.5971, 32.4370, 98.2034

Tritanomaly

29.3644, 32.2558, 63.0708

Monochromacy



Original Color

36.6659, 32.5374, 98.9556

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.2364, 31.4701, 52.5721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6659, 32.5374, 98.9556 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(122, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 148, 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(122, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.6659, 32.5374, 98.9556 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(122, 148, 255) }
```


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

```
.border{ border-color:rgb(122, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6659, 32.5374, 98.9556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 148, 255) }
```

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

```
.background{ background-color: rgb(122,  
148, 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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