

Converting Colors

XYZ(36.4902, 32.7884, 98.1615)

Have a look what the booklet for
XYZ(36.4902, 32.7884, 98.1615)
contains.

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Color

**XYZ(36.3826, 32.6437,
98.1492)**

Conversions

Conversions Part 1

Format	Color
Hex	7895FE
RGB	120, 149, 254
RGB Percent	47%, 58%, 100%
CMY	0.5294, 0.4157, 0.0039
CMYK	0.53, 0.41, 0.00, 0.00
HSL	227°, 99%, 73%
HSV	227°, 53%, 100%
XYZ	36.3826, 32.6437, 98.1492
YIQ	152.2990, -50.9890, 26.5070

Conversions

Conversions Part 2

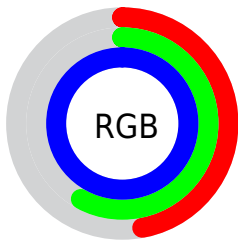
Format	Color
RYB	120, 144, 254
Decimal	7902718
CIELab	63.87, 18.77, -55.49
CIElCh	64, 58.578, 288.686
Yxy	32.6437, 0.2176, 0.1953
Android (android.graphics.Color)	4286092798 (0xFF7895FE)
YUV	152.2990, 50.1386, -28.3262
Hunter-Lab	57.1347, 13.6808, -61.8575

Details

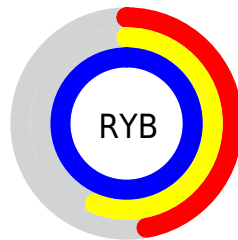
The XYZ color **36.3826, 32.6437, 98.1492** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.1907, 76.2808, 28.7430**, and the grayscale version is **29.7813, 31.3323, 34.1208**.

A 20% lighter version of the original color is **57.9963, 59.5156, 103.0387**, and **16.1708, 13.7957, 54.6339** is the 20% darker color. If you saturate the color by 10%, you get **30.4312, 25.2940, 97.0449**, and if you desaturate by 10%, it is **43.8088, 41.5534, 99.4782**.

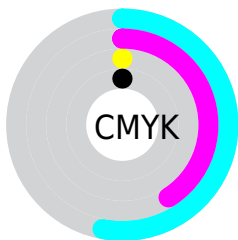
Distribution



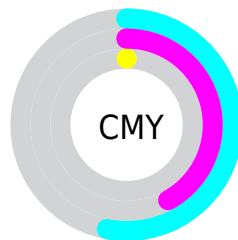
- Red (47%)
- Green (58%)
- Blue (100%)



- Red (47%)
- Yellow (56%)
- Blue (100%)



- Cyan (53%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3826, 32.6437, 98.1492 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 36.3826, 32.6437, 98.1492 by changing the saturation by 10% instead.

■ 36.3826, 32.6437,
98.1492

■ 36.3826, 32.6437,
98.1492

322.0319,
314.0412, 575.4383

■ 24.9013, 21.8536,
74.1475

■ 68.9422, 63.8189,
160.6411

■ 16.1319, 13.7494,
54.4173

■ 90.7512, 84.9727,
199.9683

■ 9.7090, 7.9466,
38.5399

■ 116.7335,
110.3500, 245.2411

■ 5.2672, 4.0608,
26.0969

147.2545,
140.3351, 296.8781

■ 2.4412, 1.7076,
16.6697

182.6795,
175.3123, 355.2978

■ 0.8657, 0.4286,
9.8398

223.3738,

■ 0.0000, 0.0000,

215.6662, 420.9187

5.1887

269.7028,
261.7810, 494.1593

■ 0.0000, 0.0000,
2.2977

■ 0.0000, 0.0000,
0.7299

■ 36.3826, 32.6437,
98.1492

■ 36.3826, 32.6437,
98.1492

■ 30.4312, 25.2940,
97.0449

■ 43.8088, 41.5534,
99.4782

■ 25.8478, 19.4073,
96.1502

■ 52.7987, 52.1052,
101.0411

■ 22.5165, 14.8802,
95.4520

■ 63.4385, 64.3796,
102.8495

■ 20.2986, 11.5923,
94.9343

■ 75.8069, 78.4502,
104.9135

■ 19.2540, 9.8847,
94.6597

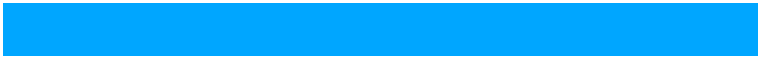
■ 89.9775, 94.3866,
107.2427

94.8895, 99.9358,
108.0549

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.0223, 32.6437, 101.1503



36.3826, 32.6437, 98.1492



44.5076, 32.6437, 74.6841

Triad

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



36.3826, 32.6437, 98.1492



42.7010, 32.6437, 11.2007



17.9440, 32.6437, 27.3670

Complementary

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



36.3826, 32.6437, 98.1492



71.1907, 76.2808, 28.7430

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.



20.5867, 32.6437, 13.2210



36.3826, 32.6437, 98.1492



34.2388, 32.6437, 7.0392

Square

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



36.3826, 32.6437, 98.1492



48.5777, 32.6437, 22.9020



26.2243, 32.6437, 7.5647



18.3123, 32.6437, 52.1457

Rectangle

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



36.3826, 32.6437, 98.1492



48.2435, 32.6437, 54.7103



26.2243, 32.6437, 7.5647



18.4877, 32.6437, 21.4746

Sweetspot

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



36.3839, 32.6448, 98.1500



72.2353, 74.3369, 105.1490



56.7751, 80.3122, 83.7213



14.9058, 15.2797, 22.4136



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.



36.3839, 32.6448, 98.1500



30.5672, 25.3485, 97.8894



38.7018, 27.8566, 97.1036



17.3216, 18.0148, 22.8142



10.2378, 5.3852, 49.9344



1.0726, 0.6759, 4.8872

Inverse Universe

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



53.0156, 36.6755, 32.7194



49.2439, 30.9158, 24.1802



67.1621, 86.8447, 30.9944



18.1702, 18.0514, 19.5135



21.9558, 11.2716, 3.1516



2.1760, 1.1128, 0.5083

Previews

White Background



This preview shows how the XYZ color 36.3826, 32.6437, 98.1492 looks on a white background.

Color Contrast Check

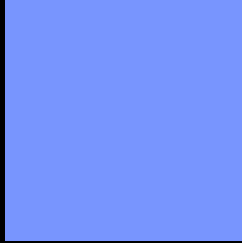
Large Text (above 18pt) WCAG AA × Fail

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 36.3826, 32.6437, 98.1492 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 36.3826, 32.6437, 98.1492

Background



This preview shows how black text looks on a background with the XYZ color 36.3826, 32.6437, 98.1492.



This preview shows how white text looks on a background with the XYZ color 36.3826, 32.6437,

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

36.3826, 32.6437, 98.1492

Protanopia

35.7987, 32.7980, 99.0516

Deuteranopia

33.8646, 32.8098, 97.4766



Tritanopia

26.2079, 32.5446, 47.5483

Trichromacy



Original Color

36.3826, 32.6437, 98.1492

Protanomaly

36.0266, 32.6775, 99.0163

Deuteranomaly

34.6003, 32.6991, 97.4164

Tritanomaly

29.1322, 32.1361, 63.0600

Monochromacy



Original Color

36.3826, 32.6437, 98.1492

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.0671, 31.3828, 52.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3826, 32.6437, 98.1492 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(120, 149, 254)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 254)  
}
```

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(120, 149, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 254) }
```

Border

The CSS property to change the border of an element to XYZ 36.3826, 32.6437, 98.1492 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(120, 149, 254) }
```


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

```
.border{ border-color:rgb(120, 149, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 149, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 149, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 149, 254); box-shadow:4px 4px 4px 4px rgb(120, 149, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3826, 32.6437, 98.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 254) }
```

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

```
.background{ background-color: rgb(120,  
149, 254) }
```

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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