

Converting Colors

XYZ(35.1724, 32.6386, 91.6349)

Have a look what the booklet for
XYZ(35.1724, 32.6386, 91.6349)
contains.

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Color

**XYZ(35.1724, 32.6386,
91.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	7697F6
RGB	118, 151, 246
RGB Percent	46%, 59%, 96%
CMY	0.5372, 0.4078, 0.0353
CMYK	0.52, 0.39, 0.00, 0.04
HSL	225°, 88%, 71%
HSV	225°, 52%, 96%
XYZ	35.1724, 32.6386, 91.6349
YIQ	151.9630, -50.1630, 22.5490

Conversions

Conversions Part 2

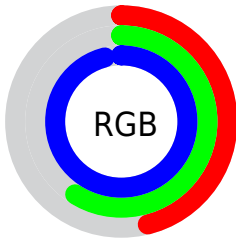
Format	Color
R _Y B	118, 144, 246
Decimal	7772150
CIE Lab	63.87, 14.71, -51.12
CIE LCh	64, 53.200, 286.057
Yxy	32.6386, 0.2206, 0.2047
Android (android.graphics.Color)	4285962230 (0xFF7697F6)
YUV	151.9630, 46.3602, -29.7856
Hunter-Lab	57.1302, 9.9163, -55.1080

Details

The XYZ color **35.1724, 32.6386, 91.6349** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **65.0722, 68.4922, 26.9321**, and the grayscale version is **29.6522, 31.1964, 33.9729**.

A 20% lighter version of the original color is **58.0128, 60.2298, 103.1756**, and **15.4699, 13.8222, 49.9967** is the 20% darker color. If you saturate the color by 10%, you get **29.5426, 25.7072, 90.5944**, and if you desaturate by 10%, it is **42.1308, 40.9314, 92.8695**.

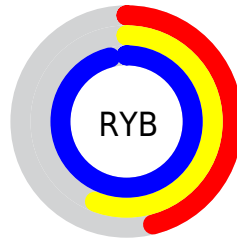
Distribution



Red (46%)

Green (59%)

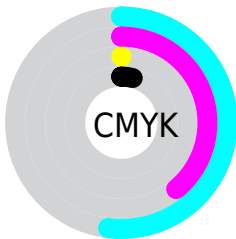
Blue (96%)



Red (46%)

Yellow (56%)

Blue (96%)

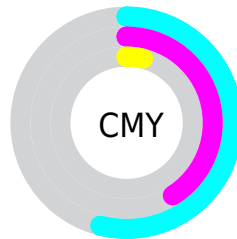


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (54%)

Magenta (41%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1724, 32.6386, 91.6349 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 35.1724, 32.6386, 91.6349 by changing the saturation by 10% instead.

■ 35.1724, 32.6386,
91.6349

■ 35.1724, 32.6386,
91.6349

316.8233,
314.0181, 554.0416

■ 23.9628, 21.8497,
68.7561

■ 67.0850, 63.8109,
151.5626

■ 15.4306, 13.7465,
50.0426

■ 88.5188, 84.9631,
189.4485

■ 9.2105, 7.9446,
35.0758

■ 114.0914,
110.3385, 233.1739

■ 4.9369, 4.0595,
23.4373

144.1681,
140.3216, 283.1573

■ 2.2447, 1.7069,
14.7084

179.1142,
175.2967, 339.8172

■ 0.7661, 0.4281,
8.4706

219.2953,

■ 0.0000, 0.0000,

215.6482, 403.5722

4.3055

265.0765,
261.7605, 474.8408

■ 0.0000, 0.0000,
1.7944

■ 0.0000, 0.0000,
0.4242

■ 35.1724, 32.6386,
91.6349

■ 35.1724, 32.6386,
91.6349

■ 29.5426, 25.7072,
90.5944

■ 42.1308, 40.9314,
92.8695

■ 25.1474, 20.0564,
89.7353

■ 50.4953, 50.6531,
94.3051

■ 21.8859, 15.6011,
89.0473

■ 60.3416, 61.8705,
95.9513

■ 19.6374, 12.2428,
88.5176

■ 71.7391, 74.6453,
97.8164

■ 18.4354, 10.2552,
88.1973

■ 84.7523, 89.0353,
99.9081

■ 93.6347, 99.4339,
101.4471

Harmonies

Analogous

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



27.6839, 32.6386, 92.3763



35.1724, 32.6386, 91.6349



42.5725, 32.6386, 72.4691

Triad

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



35.1724, 32.6386, 91.6349



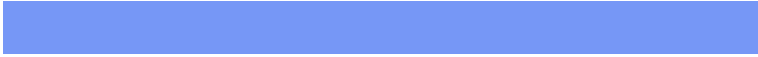
42.1110, 32.6386, 13.3655



19.0525, 32.6386, 26.5081

Complementary

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



35.1724, 32.6386, 91.6349



65.0722, 68.4922, 26.9321

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.



21.7760, 32.6386, 13.9330



35.1724, 32.6386, 91.6349



34.6182, 32.6386, 8.6780

Square

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



35.1724, 32.6386, 91.6349



46.9972, 32.6386, 25.3194



27.2117, 32.6386, 8.8325



19.1519, 32.6386, 48.1911

Rectangle

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



35.1724, 32.6386, 91.6349



46.1104, 32.6386, 55.0117



27.2117, 32.6386, 8.8325



19.6466, 32.6386, 21.3058

Sweetspot

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



35.1737, 32.6397, 91.6357



72.6890, 75.2443, 105.3002



52.2952, 74.5109, 73.8265



15.0128, 15.4938, 22.4493



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.



35.1737, 32.6397, 91.6357



32.0084, 27.8345, 98.2933



35.3034, 25.8961, 90.3272



15.9284, 16.6211, 20.9112



9.9353, 5.6645, 47.1077



0.9529, 0.6572, 4.1669

Inverse Universe

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



50.0716, 34.7857, 33.3543



50.0681, 31.6160, 27.3783



64.5853, 81.8398, 29.5341



16.6744, 16.5526, 18.0322



20.8194, 10.6712, 3.7574



1.8700, 0.9540, 0.5420

Previews

White Background



This preview shows how the XYZ color 35.1724, 32.6386, 91.6349 looks on a white background.

Color Contrast Check

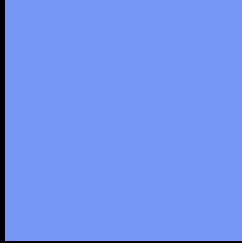
Large Text (above 18pt) WCAG AA × Fail

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 35.1724, 32.6386, 91.6349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

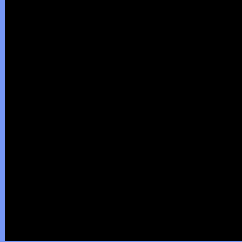
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1724, 32.6386, 91.6349

Background



This preview shows how black text looks on a background with the XYZ color 35.1724, 32.6386, 91.6349.



This preview shows how white text looks on a background with the XYZ color 35.1724, 32.6386,

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

35.1724, 32.6386, 91.6349

Protanopia

35.1724, 32.6386, 91.6349

Deuteranopia

33.6306, 32.5873, 90.9037



Tritanopia

26.2103, 32.5575, 47.0223

Trichromacy



Original Color

35.1724, 32.6386, 91.6349

Protanomaly

35.1724, 32.6386, 91.6349

Deuteranomaly

34.0570, 32.5632, 90.8765

Tritanomaly

28.9438, 32.3370, 61.2161

Monochromacy



Original Color

35.1724, 32.6386, 91.6349

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.9064, 31.5771, 50.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1724, 32.6386, 91.6349 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(118, 151, 246)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 246)  
}
```

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(118, 151, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 246) }
```

Border

The CSS property to change the border of an element to XYZ 35.1724, 32.6386, 91.6349 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(118, 151, 246) }
```


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

```
.border{ border-color:rgb(118, 151, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 246);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1724, 32.6386, 91.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 246) }
```

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

```
.background{ background-color: rgb(118,  
151, 246) }
```

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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