

Converting Colors

XYZ(36.4712, 36.5259, 86.0292)

Have a look what the booklet for
XYZ(36.4712, 36.5259, 86.0292)
contains.

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Color

**XYZ(36.4150, 36.4324,
86.0018)**

Conversions

Conversions Part 1

Format	Color
Hex	79A3EE
RGB	121, 163, 238
RGB Percent	47%, 64%, 93%
CMY	0.5255, 0.3608, 0.0667
CMYK	0.49, 0.32, 0.00, 0.07
HSL	218°, 77%, 70%
HSV	218°, 49%, 93%
XYZ	36.4150, 36.4324, 86.0018
YIQ	158.9920, -49.1070, 14.4210

Conversions

Conversions Part 2

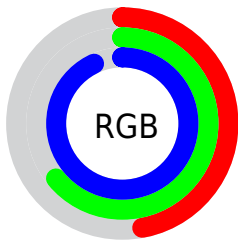
Format	Color
R_{YB}	121, 152, 238
Decimal	7971822
CIE _{Lab}	66.85, 6.04, -42.03
CIE _{LCh}	67, 42.464, 278.178
Yxy	36.4324, 0.2292, 0.2294
Android (android.graphics.Color)	4286161902 (0xFF79A3EE)
YUV	158.9920, 38.9509, -33.3190
Hunter-Lab	60.3593, 2.0611, -42.2268

Details

The XYZ color **36.4150, 36.4324, 86.0018** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **58.4526, 59.0396, 26.4060**, and the grayscale version is **32.7959, 34.5039, 37.5747**.

A 20% lighter version of the original color is **61.7118, 66.9465, 104.2772**, and **16.2243, 15.9899, 46.4872** is the 20% darker color. If you saturate the color by 10%, you get **30.9345, 29.8259, 85.0162**, and if you desaturate by 10%, it is **43.0476, 44.1192, 87.1366**.

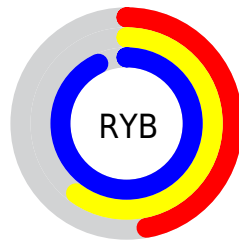
Distribution



Red (47%)

Green (64%)

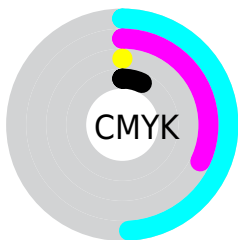
Blue (93%)



Red (47%)

Yellow (60%)

Blue (93%)

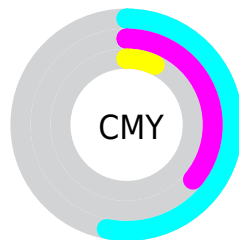


Cyan (49%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (36%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4150, 36.4324, 86.0018 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 36.4150, 36.4324, 86.0018 by changing the saturation by 10% instead.

■ 36.4150, 36.4324,
86.0018

■ 36.4150, 36.4324,
86.0018

322.1705,
330.8466, 535.1679

■ 24.9265, 24.7683,
64.1146

■ 68.9918, 69.6989,
143.6586

■ 16.1507, 15.9045,
46.2967

■ 90.8108, 92.0702,
180.2652

■ 9.7224, 9.4566,
32.1297

■ 116.8040,
118.7793, 222.6153

■ 5.2761, 5.0402,
21.1949

147.3368,
150.2107, 271.1275

■ 2.4466, 2.2709,
13.0739

182.7745,
186.7487, 326.2204

■ 0.8684, 0.7582,
7.3481

223.4824,

■ 0.0000, 0.0000,

228.7778, 388.3123

3.5990

269.8260,
276.6822, 457.8220

■ 0.0000, 0.0000,
1.4081

■ 0.0000, 0.0000,
0.1480

■ 36.4150, 36.4324,
86.0018

■ 36.4150, 36.4324,
86.0018

■ 30.9345, 29.8259,
85.0162

■ 43.0476, 44.1192,
87.1366

■ 26.5289, 24.2409,
84.1704

■ 50.8947, 52.9330,
88.4243

■ 23.1171, 19.6180,
83.4579

■ 60.0186, 62.9221,
89.8715

■ 20.6027, 15.8881,
82.8704

■ 70.4761, 74.1306,
91.4838

■ 18.8433, 12.9570,
82.3974

■ 82.3204, 86.6002,
93.2664

■ 18.7155, 12.7385,
82.3620

■ 92.2871, 98.6619,
95.0692

■ 92.4328, 98.9531,
95.1178

Harmonies

Analogous

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



30.2360, 36.4324, 82.4092



36.4150, 36.4324, 86.0018



42.8383, 36.4324, 74.4842

Triad

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



36.4150, 36.4324, 86.0018



45.2745, 36.4324, 21.5734



24.3795, 36.4324, 27.9176

Complementary

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



36.4150, 36.4324, 86.0018



58.4526, 59.0396, 26.4060

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.



27.5399, 36.4324, 17.8511



36.4150, 36.4324, 86.0018



39.4257, 36.4324, 15.0559

Square

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



36.4150, 36.4324, 86.0018



48.3509, 36.4324, 34.8460



32.9003, 36.4324, 13.9441



23.7833, 36.4324, 44.9170

Rectangle

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



36.4150, 36.4324, 86.0018



46.2203, 36.4324, 61.3996



32.9003, 36.4324, 13.9441



25.1565, 36.4324, 23.7858

Sweetspot

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



36.4163, 36.4337, 86.0027



75.0217, 78.7948, 105.8626



48.3227, 69.1597, 62.4929



15.5179, 16.2845, 22.5753



0.0000, 0.0000, 0.0000



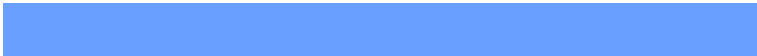
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.4163, 36.4337, 86.0027



36.1449, 34.8399, 99.4275



32.5227, 25.1342, 84.0269



15.3616, 16.1574, 20.0306



10.5525, 7.3293, 45.9864



0.9689, 0.7917, 3.8560

Inverse Universe

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



48.7093, 34.4978, 38.7430



52.4654, 33.7595, 36.3502



64.2737, 78.1233, 29.7827



16.0072, 15.8526, 17.5943



20.6521, 10.5332, 6.0843



1.7640, 0.8946, 0.7480

Previews

White Background



This preview shows how the XYZ color 36.4150, 36.4324, 86.0018 looks on a white background.

Color Contrast Check

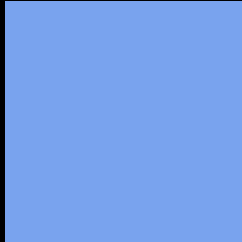
Large Text (above 18pt) WCAG AA × Fail

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 36.4150, 36.4324, 86.0018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

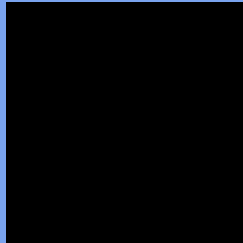
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

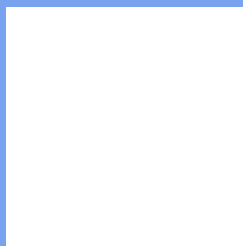
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4150, 36.4324, 86.0018

Background



This preview shows how black text looks on a background with the XYZ color 36.4150, 36.4324, 86.0018.



This preview shows how white text looks on a background with the XYZ color 36.4150, 36.4324,

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

36.4150, 36.4324, 86.0018

Protanopia

37.8827, 36.4581, 83.6378

Deuteranopia

37.2307, 36.3299, 85.9390



Tritanopia

29.7389, 36.4783, 52.4873

Trichromacy



Original Color

36.4150, 36.4324, 86.0018

Protanomaly

37.2453, 36.3712, 84.4142

Deuteranomaly

36.9571, 36.4493, 85.9765

Tritanomaly

31.8841, 36.2117, 63.7016

Monochromacy



Original Color

36.4150, 36.4324, 86.0018

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3250, 34.7922, 52.5361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4150, 36.4324, 86.0018 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(121, 163, 238)` looks like.

```
.text, #text, p{  
    color:rgb(121, 163, 238)  
}
```

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(121, 163, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 163, 238) }
```

Border

The CSS property to change the border of an element to XYZ 36.4150, 36.4324, 86.0018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

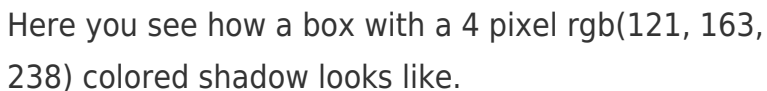
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 163, 238) }
```


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

```
.border{ border-color:rgb(121, 163, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(121, 163, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 163, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 163, 238); box-shadow:4px 4px 4px 4px rgb(121, 163, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4150, 36.4324, 86.0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 163, 238) }
```

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

```
.background{ background-color: rgb(121,  
163, 238) }
```

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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