

Converting Colors

XYZ(34.0730, 30.6858, 75.3284)

Have a look what the booklet for
XYZ(34.0730, 30.6858, 75.3284)
contains.

XYZ(34.0605, 30.5701, 75.3396)	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(34.0605, 30.5701,
75.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8FE1
RGB	139, 143, 225
RGB Percent	55%, 56%, 88%
CMY	0.4549, 0.4392, 0.1176
CMYK	0.38, 0.36, 0.00, 0.12
HSL	237°, 59%, 71%
HSV	237°, 38%, 88%
XYZ	34.0605, 30.5701, 75.3396
YIQ	151.1520, -28.7060, 24.6540

Conversions

Conversions Part 2

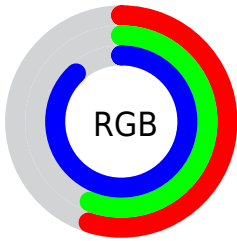
Format	Color
R _Y B	139, 143, 225
Decimal	9146337
CIE Lab	62.14, 18.32, -42.17
CIE LCh	62, 45.976, 293.487
Yxy	30.5701, 0.2433, 0.2184
Android (android.graphics.Color)	4287336417 (0xFF8B8FE1)
YUV	151.1520, 36.4071, -10.6573
Hunter-Lab	55.2902, 13.2036, -42.0866

Details

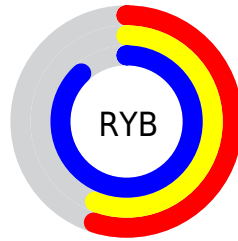
The XYZ color **34.0605, 30.5701, 75.3396** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.5690, 69.5858, 34.6139**, and the grayscale version is **29.3392, 30.8671, 33.6143**.

A 20% lighter version of the original color is **60.5219, 58.7546, 102.7587**, and **14.7319, 12.5781, 39.1875** is the 20% darker color. If you saturate the color by 10%, you get **27.7645, 22.9924, 74.2094**, and if you desaturate by 10%, it is **41.7477, 39.7803, 76.7128**.

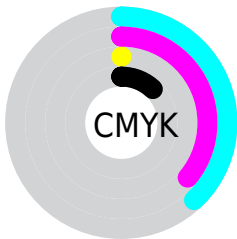
Distribution



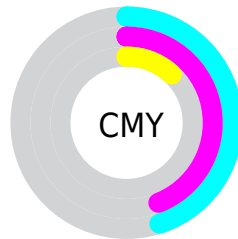
- Red (55%)
- Green (56%)
- Blue (88%)



- Red (55%)
- Yellow (56%)
- Blue (88%)



- Cyan (38%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0605, 30.5701, 75.3396 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 34.0605, 30.5701, 75.3396 by changing the saturation by 10% instead.

■ 34.0605, 30.5701,
75.3396

■ 34.0605, 30.5701,
75.3396

311.9829,
304.5529, 498.3705

■ 23.1032, 20.2717,
55.3877

■ 65.3714, 60.5626,
128.5445

■ 14.7908, 12.5927,
39.3116

■ 86.4557, 81.0255,
162.6346

■ 8.7581, 7.1487,
26.6925

■ 111.6464,
105.6454, 202.2745

■ 4.6396, 3.5553,
17.1120

141.3088,
134.8066, 247.8828

■ 2.0699, 1.4280,
10.1516

175.8083,
168.8935, 299.8780

■ 0.6728, 0.2372,
5.3927

215.5103,

■ 0.0000, 0.0000,

208.2906, 358.6787

2.4167

260.7800,
253.3823, 424.7033

■ 0.0000, 0.0000,
0.7955

■ 0.0000, 0.0000,
0.0000

■ 34.0605, 30.5701,
75.3396

■ 34.0605, 30.5701,
75.3396

■ 27.7645, 22.9924,
74.2094

■ 41.7477, 39.7803,
76.7128

■ 22.7734, 16.9487,
73.3059

■ 50.8988, 50.7071,
78.3395

■ 18.9965, 12.3353,
72.6145

■ 61.5856, 63.4326,
80.2325

■ 16.3299, 9.0341,
72.1178

■ 73.8740, 78.0328,
82.4030

■ 14.6525, 6.9082,
71.7959

■ 87.8263, 94.5795,
84.8615

■ 13.8016, 5.7838,
71.6237

■ 90.5907, 98.2163,
85.4177

■ 13.7043, 5.6635,
71.6056

Harmonies

Analogous

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



27.7271, 30.5701, 79.9169



34.0605, 30.5701, 75.3396



39.7063, 30.5701, 57.9561

Triad

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



34.0605, 30.5701, 75.3396



36.7260, 30.5701, 12.7231



18.7653, 30.5701, 29.5681

Complementary

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



34.0605, 30.5701, 75.3396



61.5690, 69.5858, 34.6139

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.



20.5039, 30.5701, 16.8486



34.0605, 30.5701, 75.3396



30.4266, 30.5701, 9.6113

Square

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



34.0605, 30.5701, 75.3396



41.3915, 30.5701, 21.4684



24.5673, 30.5701, 10.7939



19.4526, 30.5701, 48.7967

Rectangle

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



34.0605, 30.5701, 75.3396



42.0214, 30.5701, 43.9409



24.5673, 30.5701, 10.7939



19.0763, 30.5701, 24.5093

Sweetspot

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



34.0616, 30.5712, 75.3403



77.5262, 79.1696, 105.8029



50.5848, 64.5447, 77.9902



16.1702, 16.4413, 22.5712



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.



34.0616, 30.5712, 75.3403



38.3273, 32.2890, 98.8201



41.1157, 33.3324, 75.5015



13.0029, 13.3450, 17.2782



7.9203, 3.3102, 41.2698



0.5673, 0.2660, 2.8667

Inverse Universe

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



45.2429, 36.4572, 30.6400



55.2551, 41.3388, 31.1149



51.9091, 66.1920, 34.4679



13.7329, 13.7108, 14.3638



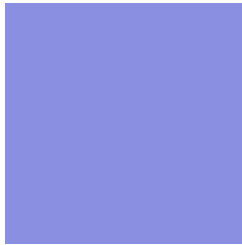
17.9380, 9.2422, 1.0734



1.2526, 0.6443, 0.1230

Previews

White Background



This preview shows how the XYZ color 34.0605, 30.5701, 75.3396 looks on a white background.

Color Contrast Check

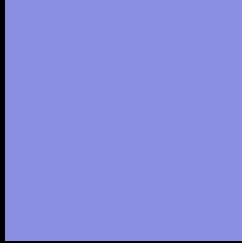
Large Text (above 18pt) WCAG AA × Fail

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 34.0605, 30.5701, 75.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

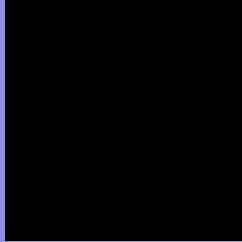
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0605, 30.5701, 75.3396

Background



This preview shows how black text looks on a background with the XYZ color 34.0605, 30.5701, 75.3396.



This preview shows how white text looks on a background with the XYZ color 34.0605, 30.5701,

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

34.0605, 30.5701, 75.3396

Protanopia

32.4617, 30.5895, 78.3222

Deuteranopia

31.5381, 30.6586, 74.7765



Tritanopia

27.1538, 30.5927, 41.0330

Trichromacy



Original Color

34.0605, 30.5701, 75.3396

Protanomaly

33.1846, 30.7484, 77.5848

Deuteranomaly

32.3457, 30.6092, 74.7244

Tritanomaly

29.3496, 30.5099, 51.9191

Monochromacy



Original Color

34.0605, 30.5701, 75.3396

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6584, 30.5972, 46.4095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0605, 30.5701, 75.3396 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(139, 143, 225)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 225)  
}
```

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(139, 143, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 225) }
```

Border

The CSS property to change the border of an element to XYZ 34.0605, 30.5701, 75.3396 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(139, 143, 225) }
```


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

```
.border{ border-color:rgb(139, 143, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 225);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0605, 30.5701, 75.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 225) }
```

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

```
.background{ background-color: rgb(139,  
143, 225) }
```

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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