

Converting Colors

XYZ(53.3898, 32.3603, 80.9189)

Have a look what the booklet for
XYZ(53.3898, 32.3603, 80.9189)
contains.

XYZ(53.4799, 32.3380, 81.2651)	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(53.4799, 32.3380,
81.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	EB62EA
RGB	235, 98, 234
RGB Percent	92%, 38%, 92%
CMY	0.0784, 0.6157, 0.0824
CMYK	0.00, 0.58, 0.00, 0.08
HSL	300°, 77%, 65%
HSV	300°, 58%, 92%
XYZ	53.4799, 32.3380, 81.2651
YIQ	154.4670, 37.9960, 71.3400

Conversions

Conversions Part 2

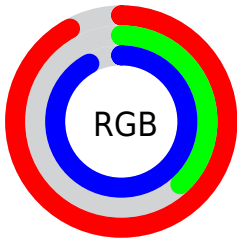
Format	Color
R _{YB}	235, 98, 234
Decimal	15426282
CIE _{Lab}	63.62, 69.59, -44.14
CIE _{LCh}	64, 82.405, 327.613
Yxy	32.3380, 0.3201, 0.1935
Android (android.graphics.Color)	4293616362 (0xFFEB62EA)
YUV	154.4670, 39.2098, 70.6274
Hunter-Lab	56.8665, 68.3533, -44.9218

Details

The XYZ color **53.4799, 32.3380, 81.2651** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **36.9989, 62.9155, 22.0000**, and the grayscale version is **30.7429, 32.3439, 35.2225**.

A 20% lighter version of the original color is **71.0113, 51.9227, 100.8871**, and **26.5124, 13.5885, 43.3450** is the 20% darker color. If you saturate the color by 10%, you get **51.5709, 28.5585, 80.5074**, and if you desaturate by 10%, it is **56.0366, 37.4109, 82.2394**.

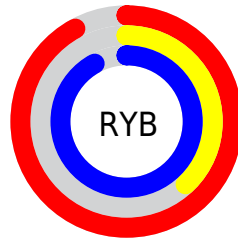
Distribution



Red (92%)

Green (38%)

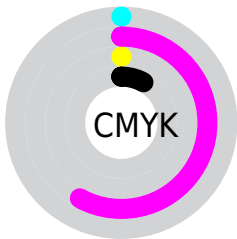
Blue (92%)



Red (92%)

Yellow (38%)

Blue (92%)

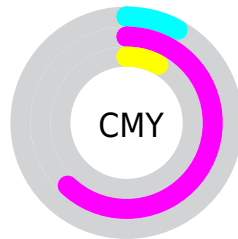


Cyan (0%)

Magenta (58%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (62%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4799, 32.3380, 81.2651 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 53.4799, 32.3380, 81.2651 by changing the saturation by 10% instead.


 53.4799, 32.3380,
81.2651


 53.4799, 32.3380,
81.2651

390.3544,
312.6561, 519.0049


 38.4150, 21.6198,
60.2277

 94.4715, 63.3406,
136.9704

 26.4836, 13.5778,
43.1757


 121.1290, 84.3938,
172.4753

 17.3204, 7.8276,
29.6906


 152.3814,
109.6607, 213.6398

 10.5599, 3.9848,
19.3538

 188.5940,
139.5259, 260.8824

 5.8368, 1.6651,
11.7468

230.1323,
174.3736, 314.6217

 2.7858, 0.4009,
6.4511

277.3615,

 1.0415, 0.0000,

214.5883, 375.2762

3.0481

330.6471,
260.5543, 443.2644

■ 0.0000, 0.0000,
1.1192

■ 0.0000, 0.0000,
0.0000

■ 53.4799, 32.3380,
81.2651

■ 53.4799, 32.3380,
81.2651

■ 51.5709, 28.5585,
80.5074

■ 56.0366, 37.4109,
82.2394

■ 50.2476, 25.9514,
79.9448


■ 59.2886, 43.8755,
83.4452


■ 49.4425, 24.3807,
79.5550


■ 63.2833, 51.8253,
84.8988


■ 49.0578, 23.6505,
79.3055


■ 68.0628, 61.3447,
86.6141


 49.0101, 23.5619,
79.2689

 73.6662, 72.5118,
88.6041

 80.1298, 85.3994,
90.8810

 85.0461, 95.1923,
92.6423

 85.0710, 95.2022,
92.7731

 85.0959, 95.2122,
92.9041

Harmonies

Analogous

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



42.1828, 32.3380, 126.5811



53.4799, 32.3380, 81.2651



58.5888, 32.3380, 37.9180

Triad

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



53.4799, 32.3380, 81.2651



31.6677, 32.3380, 2.2576



14.9958, 32.3380, 73.5356

Complementary

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



53.4799, 32.3380, 81.2651



36.9989, 62.9155, 22.0000

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.



13.4977, 32.3380, 32.6352



53.4799, 32.3380, 81.2651



21.5740, 32.3380, 3.6114

Square

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



53.4799, 32.3380, 81.2651



44.1861, 32.3380, 4.2215



15.5746, 32.3380, 10.9968



20.3370, 32.3380, 120.4844

Rectangle

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



53.4799, 32.3380, 81.2651



57.0366, 32.3380, 19.2980



15.5746, 32.3380, 10.9968



14.0948, 32.3380, 58.0931

Sweetspot

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



53.4811, 32.3395, 81.2658



82.6951, 75.3718, 104.5304



24.4015, 17.3317, 80.6577



17.4297, 15.5938, 22.2773



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.



53.4811, 32.3395, 81.2658



61.6997, 33.6343, 96.7509



45.5589, 29.1706, 39.5484



15.7098, 15.3118, 19.0232



27.2782, 13.1140, 44.1280



2.1435, 1.0304, 3.4732

Inverse Universe

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



53.4811, 32.3395, 81.2658



61.6997, 33.6343, 96.7509



41.6757, 64.7862, 46.6276



15.7098, 15.3118, 19.0232



27.2782, 13.1140, 44.1280



2.1435, 1.0304, 3.4732

Previews

White Background



This preview shows how the XYZ color 53.4799, 32.3380, 81.2651 looks on a white background.

Color Contrast Check

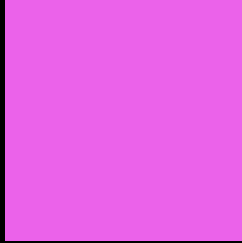
Large Text (above 18pt) WCAG AA × Fail

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 53.4799, 32.3380, 81.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

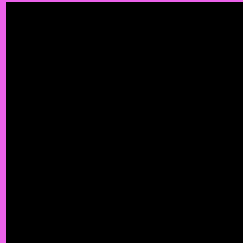
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4799, 32.3380, 81.2651

Background



This preview shows how black text looks on a background with the XYZ color 53.4799, 32.3380, 81.2651.

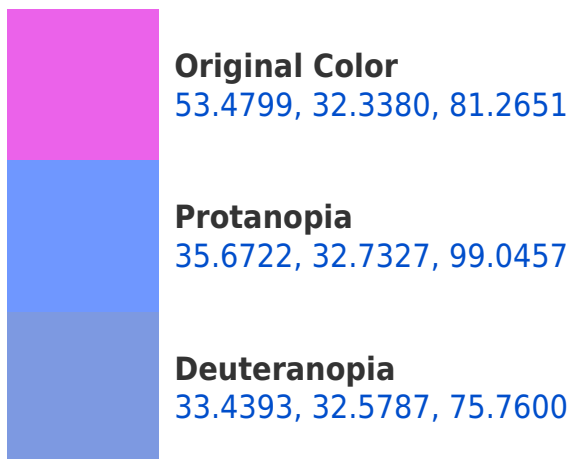


This preview shows how white text looks on a background with the XYZ color 53.4799, 32.3380,

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





Tritanopia

42.0681, 32.0764, 26.5284

Trichromacy



Original Color

53.4799, 32.3380, 81.2651



Protanomaly

38.7501, 30.2858, 91.7991



Deuteranomaly

37.9082, 30.3758, 77.2639



Tritanomaly

45.0650, 31.4946, 41.7341

Monochromacy



Original Color

53.4799, 32.3380, 81.2651



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.6008, 30.5364, 48.7648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4799, 32.3380, 81.2651 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(235, 98, 234)` looks like.

```
.text, #text, p{  
    color:rgb(235, 98, 234)  
}
```

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(235, 98, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 98, 234) }
```

Border

The CSS property to change the border of an element to XYZ 53.4799, 32.3380, 81.2651 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(235, 98, 234) }
```


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

```
.border{ border-color:rgb(235, 98, 234) }
```

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

Here you see how a box with a 4 pixel rgb(235, 98, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 98, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 98, 234);  
box-shadow:4px 4px 4px 4px rgb(235, 98,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4799, 32.3380, 81.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 98, 234) }
```

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

```
.background{ background-color: rgb(235, 98,  
234) }
```

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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