

Converting Colors

XYZ(29.5979, 32.5449, 50.8986)

Have a look what the booklet for
XYZ(29.5979, 32.5449, 50.8986)
contains.

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Color

**XYZ(29.7185, 32.7014,
51.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9FBA
RGB	125, 159, 186
RGB Percent	49%, 62%, 73%
CMY	0.5098, 0.3765, 0.2706
CMYK	0.33, 0.15, 0.00, 0.27
HSL	207°, 31%, 61%
HSV	207°, 33%, 73%
XYZ	29.7185, 32.7014, 51.2000
YIQ	151.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

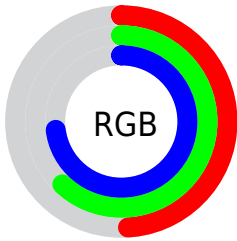
Format	Color
RYB	125, 147, 186
Decimal	8232890
CIELab	63.92, -5.11, -17.73
CIElCh	64, 18.457, 253.922
Yxy	32.7014, 0.2616, 0.2878
Android (android.graphics.Color)	4286422970 (0xFF7D9FBA)
YUV	151.9120, 16.8054, -23.6018
Hunter-Lab	57.1851, -7.3095, -13.0550

Details

The XYZ color **29.7185, 32.7014, 51.2000** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.1801, 34.3767, 24.1841**, and the grayscale version is **29.7467, 31.2958, 34.0811**.

A 20% lighter version of the original color is **58.6640, 64.0876, 93.2826**, and **12.4202, 13.8744, 24.2137** is the 20% darker color. If you saturate the color by 10%, you get **25.8846, 28.6935, 50.6290**, and if you desaturate by 10%, it is **34.1573, 37.1626, 51.8277**.

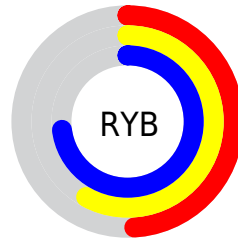
Distribution



Red (49%)

Green (62%)

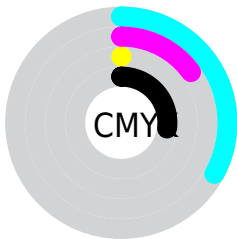
Blue (73%)



Red (49%)

Yellow (58%)

Blue (73%)

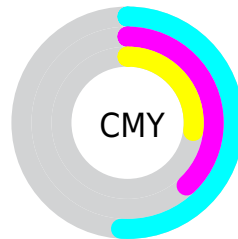


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7185, 32.7014, 51.2000 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 29.7185, 32.7014, 51.2000 by changing the saturation by 10% instead.

■ 29.7185, 32.7014,
51.2000

■ 29.7185, 32.7014,
51.2000

292.5235,
314.3021, 408.2090

■ 19.7720, 21.8978,
35.9900

■ 58.6064, 63.9091,
93.3649

■ 12.3367, 13.7818,
24.1368

■ 78.2786, 85.0819,
121.1568

■ 7.0473, 7.9691,
15.2220

■ 101.9233,
110.4800, 153.9797

■ 3.5383, 4.0752,
8.8270

129.9060,
140.4876, 192.2523

■ 1.4444, 1.7157,
4.5332

162.5920,
175.4892, 236.3929

■ 0.2875, 0.4338,
1.9222

200.3467,

■ 0.0000, 0.0000,

215.8693, 286.8203

0.5068

243.5354,
262.0121, 343.9528

■ 0.0000, 0.0000,
0.0000

■ 29.7185, 32.7014,
51.2000

■ 29.7185, 32.7014,
51.2000

■ 25.8846, 28.6935,
50.6290

■ 34.1573, 37.1626,
51.8277

■ 22.6221, 25.1168,
50.1106

■ 39.2258, 42.0903,
52.5117

■ 19.8991, 21.9526,
49.6434

■ 44.9512, 47.5018,
53.2545

■ 17.6785, 19.1792,
49.2251

■ 51.3582, 53.4123,
54.0576

■ 15.9184, 16.7717,
48.8532

■ 58.4700, 59.8363,
54.9228

■ 14.5687, 14.7014,
48.5247

■ 66.3087, 66.7875,
55.8513

■ 13.7808, 13.3808,
48.3113

■ 74.8207, 74.2405,
56.8413

■ 76.9911, 78.5814,
57.5648

■ 79.2689, 83.1369,
58.3240

Harmonies

Analogous

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



27.6203, 32.7014, 46.4821



29.7185, 32.7014, 51.2000



32.2993, 32.7014, 51.3778

Triad

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



29.7185, 32.7014, 51.2000



36.1874, 32.7014, 32.2736



27.7434, 32.7014, 26.2627

Complementary

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



29.7185, 32.7014, 51.2000



35.1801, 34.3767, 24.1841

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.



29.8951, 32.7014, 23.4459



29.7185, 32.7014, 51.2000



34.8209, 32.7014, 26.5748

Square

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



29.7185, 32.7014, 51.2000



36.1336, 32.7014, 39.7177



32.4860, 32.7014, 23.5515



26.5241, 32.7014, 31.7888

Rectangle

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



29.7185, 32.7014, 51.2000



33.9539, 32.7014, 48.8476



32.4860, 32.7014, 23.5515



28.3762, 32.7014, 25.0042

Sweetspot

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



29.7195, 32.7027, 51.2008



73.7094, 78.7829, 95.5231



31.6383, 41.7269, 35.8504



15.9208, 17.0527, 20.9950



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.7195, 32.7027, 51.2008



48.9912, 54.2104, 92.0829



25.1803, 23.6242, 49.6877



8.9250, 9.5273, 11.4480



9.3469, 9.1535, 32.5272



0.3901, 0.4439, 1.1669

Inverse Universe

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



33.8422, 27.6105, 36.3479



57.7342, 44.2205, 60.4024



40.6663, 45.3490, 26.0129



9.2085, 9.0938, 10.4454



15.3316, 7.7064, 9.6328



0.5711, 0.2839, 0.5007

Previews

White Background



This preview shows how the XYZ color 29.7185, 32.7014, 51.2000 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 29.7185, 32.7014, 51.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

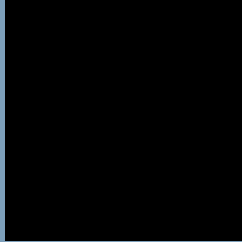
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.7185, 32.7014, 51.2000

Background



This preview shows how black text looks on a background with the XYZ color 29.7185, 32.7014, 51.2000.



This preview shows how white text looks on a background with the XYZ color 29.7185, 32.7014,

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

29.7185, 32.7014, 51.2000

Protanopia

32.2292, 32.5494, 48.8400

Deuteranopia

33.2806, 32.5364, 52.1030



Tritanopia

28.4109, 32.6833, 44.8555

Trichromacy



Original Color

29.7185, 32.7014, 51.2000

Protanomaly

31.0838, 32.4370, 49.4224

Deuteranomaly

31.8529, 32.5387, 51.6155

Tritanomaly

28.7751, 32.5669, 46.8889

Monochromacy



Original Color

29.7185, 32.7014, 51.2000

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5775, 31.8738, 39.7153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7185, 32.7014, 51.2000 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(125, 159, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 186)  
}
```

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(125, 159, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.7185, 32.7014, 51.2000 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(125, 159, 186) }
```


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

```
.border{ border-color:rgb(125, 159, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 159, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7185, 32.7014, 51.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 186) }
```

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

```
.background{ background-color: rgb(125,  
159, 186) }
```

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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