

Converting Colors

XYZ(32.4687, 29.1243, 82.2049)

Have a look what the booklet for
XYZ(32.4687, 29.1243, 82.2049)
contains.

XYZ(32.5463, 29.1855, 82.5152)	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(32.5463, 29.1855,
82.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8DEB
RGB	122, 141, 235
RGB Percent	48%, 55%, 92%
CMY	0.5215, 0.4471, 0.0784
CMYK	0.48, 0.40, 0.00, 0.08
HSL	230°, 74%, 70%
HSV	230°, 48%, 92%
XYZ	32.5463, 29.1855, 82.5152
YIQ	146.0350, -41.4980, 25.2060

Conversions

Conversions Part 2

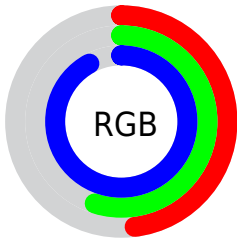
Format	Color
RYB	122, 138, 235
Decimal	8031723
CIELab	60.94, 18.14, -49.68
CIElCh	61, 52.888, 290.064
Yxy	29.1855, 0.2256, 0.2023
Android (android.graphics.Color)	4286221803 (0xFF7A8DEB)
YUV	146.0350, 43.8597, -21.0787
Hunter-Lab	54.0236, 12.9953, -52.7425

Details

The XYZ color **32.5463, 29.1855, 82.5152** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **62.3311, 68.1811, 28.2891**, and the grayscale version is **27.1751, 28.5904, 31.1349**.

A 20% lighter version of the original color is **55.9322, 55.3873, 102.3506**, and **13.9277, 11.7936, 44.1902** is the 20% darker color. If you saturate the color by 10%, you get **26.9797, 22.4081, 81.5010**, and if you desaturate by 10%, it is **39.4284, 37.3971, 83.7381**.

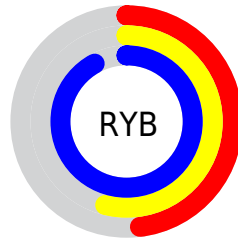
Distribution



Red (48%)

Green (55%)

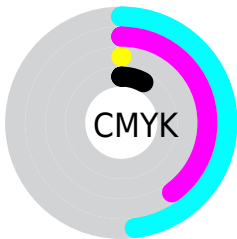
Blue (92%)



Red (48%)

Yellow (54%)

Blue (92%)

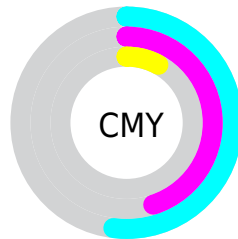


Cyan (48%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (52%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5463, 29.1855, 82.5152 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 32.5463, 29.1855, 82.5152 by changing the saturation by 10% instead.

■ 32.5463, 29.1855,
82.5152

■ 32.5463, 29.1855,
82.5152

305.3016,
298.0892, 523.2980

■ 21.9367, 19.2212,
61.2520

■ 63.0260, 58.3717,
138.7394

■ 13.9267, 11.8302,
43.9967

■ 83.6267, 78.3623,
174.5375

■ 8.1511, 6.6282,
30.3307

■ 108.2886,
102.4639, 216.0176

■ 4.2444, 3.2307,
19.8356

137.3769,
131.0608, 263.5984

■ 1.8413, 1.2533,
12.0927

171.2570,
164.5374, 317.6982

■ 0.5424, 0.1046,
6.6835

210.2942,

■ 0.0000, 0.0000,

203.2780, 378.7358

3.1896

254.8540,
247.6672, 447.1295

■ 0.0000, 0.0000,
1.1922

■ 0.0000, 0.0000,
0.0000

■ 32.5463, 29.1855,
82.5152

■ 32.5463, 29.1855,
82.5152

■ 26.9797, 22.4081,
81.5010

■ 39.4284, 37.3971,
83.7381

■ 22.6394, 16.9781,
80.6817

■ 47.7003, 47.1169,
85.1782

■ 19.4304, 12.8034,
80.0450

■ 57.4351, 58.4172,
86.8463

■ 17.2413, 9.7786,
79.5765

■ 68.6994, 71.3648,
88.7517

■ 15.9251, 7.7737,
79.2589

■ 81.5558, 86.0226,
90.9034

■ 15.7378, 7.4829,
79.2127

■ 91.9955, 98.7782,
92.8152

Harmonies

Analogous

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



25.5125, 29.1855, 85.8394



32.5463, 29.1855, 82.5152



39.2103, 29.1855, 62.9521

Triad

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



32.5463, 29.1855, 82.5152



37.1607, 29.1855, 10.6367



16.6140, 29.1855, 25.6608

Complementary

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



32.5463, 29.1855, 82.5152



62.3311, 68.1811, 28.2891

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.



18.7579, 29.1855, 13.0916



32.5463, 29.1855, 82.5152



30.0934, 29.1855, 7.1182

Square

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



32.5463, 29.1855, 82.5152



42.1657, 29.1855, 20.4413



23.4317, 29.1855, 7.7780



17.0485, 29.1855, 46.6814

Rectangle

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



32.5463, 29.1855, 82.5152



42.1791, 29.1855, 46.5787



23.4317, 29.1855, 7.7780



17.0412, 29.1855, 20.5006

Sweetspot

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



32.5474, 29.1865, 82.5159



74.3607, 76.3405, 105.4237



49.9093, 68.4246, 74.3860



15.3053, 15.6365, 22.4614



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.



32.5474, 29.1865, 82.5159



32.3720, 26.8451, 98.0832



36.0143, 27.1660, 81.9432



14.4358, 14.9581, 19.0486



8.8211, 4.2891, 44.1059



0.7531, 0.4576, 3.4835

Inverse Universe

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



46.0292, 33.5057, 29.2414



50.6706, 33.4612, 25.6054



56.8330, 72.9944, 29.5079



15.1688, 15.0954, 16.1741



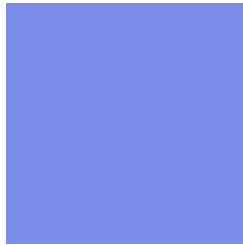
19.3078, 9.9258, 2.1561



1.5466, 0.7916, 0.3298

Previews

White Background



This preview shows how the XYZ color 32.5463, 29.1855, 82.5152 looks on a white background.

Color Contrast Check

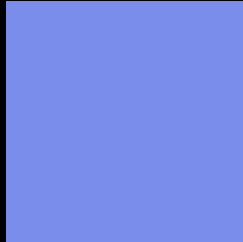
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5463, 29.1855, 82.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

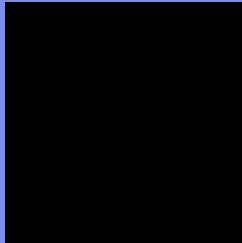
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5463, 29.1855, 82.5152

Background



This preview shows how black text looks on a background with the XYZ color 32.5463, 29.1855, 82.5152.



This preview shows how white text looks on a background with the XYZ color 32.5463, 29.1855,

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

32.5463, 29.1855, 82.5152

Protanopia

31.6897, 29.3759, 84.1207

Deuteranopia

30.2148, 29.3493, 81.9144



Tritanopia

24.2687, 29.0946, 41.3825

Trichromacy



Original Color

32.5463, 29.1855, 82.5152

Protanomaly

31.9022, 29.2785, 83.3268

Deuteranomaly

30.9205, 29.2555, 81.8591

Tritanomaly

26.7274, 28.8697, 54.0329

Monochromacy



Original Color

32.5463, 29.1855, 82.5152

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.3257, 28.4792, 46.1236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5463, 29.1855, 82.5152 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(122, 141, 235)` looks like.

```
.text, #text, p{  
    color:rgb(122, 141, 235)  
}
```

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(122, 141, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 141, 235) }
```

Border

The CSS property to change the border of an element to XYZ 32.5463, 29.1855, 82.5152 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(122, 141, 235) }
```


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

```
.border{ border-color:rgb(122, 141, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 141, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 141, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 141, 235);  
box-shadow:4px 4px 4px 4px rgb(122, 141,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5463, 29.1855, 82.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 141, 235) }
```

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

```
.background{ background-color: rgb(122,  
141, 235) }
```

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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