

Converting Colors

XYZ(32.1353, 27.2852, 82.1701)

Have a look what the booklet for
XYZ(32.1353, 27.2852, 82.1701)
contains.

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Color

**XYZ(32.1353, 27.2852,
82.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	7F85EB
RGB	127, 133, 235
RGB Percent	50%, 52%, 92%
CMY	0.5019, 0.4784, 0.0784
CMYK	0.46, 0.43, 0.00, 0.08
HSL	237°, 73%, 71%
HSV	237°, 46%, 92%
XYZ	32.1353, 27.2852, 82.1701
YIQ	142.8340, -36.3180, 30.4500

Conversions

Conversions Part 2

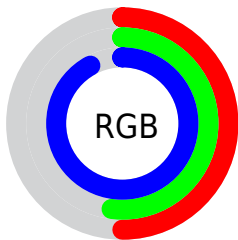
Format	Color
R _Y B	127, 133, 235
Decimal	8357355
CIE Lab	59.24, 24.03, -52.37
CIE LCh	59, 57.617, 294.645
Yxy	27.2852, 0.2270, 0.1927
Android (android.graphics.Color)	4286547435 (0xFF7F85EB)
YUV	142.8340, 45.4378, -13.8864
Hunter-Lab	52.2352, 18.4022, -56.7031

Details

The XYZ color **32.1353, 27.2852, 82.1701** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **66.1126, 75.2354, 31.1177**, and the grayscale version is **25.8783, 27.2259, 29.6491**.

A 20% lighter version of the original color is **55.3761, 52.5282, 101.8281**, and **13.7613, 10.8605, 44.0188** is the 20% darker color. If you saturate the color by 10%, you get **26.3105, 20.2384, 81.1175**, and if you desaturate by 10%, it is **39.4204, 36.0385, 83.4762**.

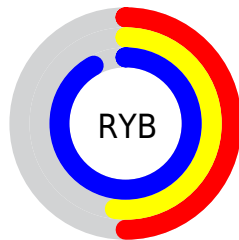
Distribution



Red (50%)

Green (52%)

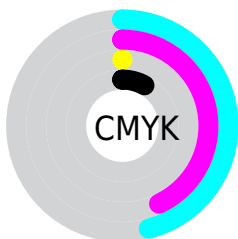
Blue (92%)



Red (50%)

Yellow (52%)

Blue (92%)

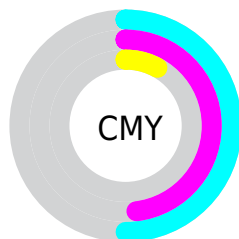


Cyan (46%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (50%)

Magenta (48%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1353, 27.2852, 82.1701 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 32.1353, 27.2852, 82.1701 by changing the saturation by 10% instead.

■ 32.1353, 27.2852,
82.1701

■ 32.1353, 27.2852,
82.1701

303.4695,
289.0354, 522.1149

■ 21.6209, 17.7875,
60.9691

■ 62.3869, 55.3412,
138.2513

■ 13.6937, 10.7976,
43.7699

■ 82.8548, 74.6683,
173.9687

■ 7.9882, 5.9309,
30.1538

■ 107.3713, 98.0407,
215.3619

■ 4.1391, 2.8031,
19.7023

136.3017,
125.8427, 262.8495

■ 1.7811, 1.0298,
11.9969

170.0113,
158.4588, 316.8501

■ 0.5063, 0.0000,
6.6190

208.8656,

■ 0.0000, 0.0000,

196.2733, 377.7821

3.1502

253.2299,
239.6707, 446.0642

■ 0.0000, 0.0000,
1.1718

■ 0.0000, 0.0000,
0.0000

■ 32.1353, 27.2852,
82.1701

■ 32.1353, 27.2852,
82.1701

■ 26.3105, 20.2384,
81.1175

■ 39.4204, 36.0385,
83.4762

■ 21.8443, 14.7842,
80.3001

■ 48.2519, 46.5968,
85.0487

■ 18.6274, 10.7988,
79.7004

■ 58.7127, 59.0544,
86.9019

■ 16.5318, 8.1395,
79.2976

■ 70.8793, 73.4981,
89.0486

■ 15.4019, 6.6344,
79.0666

■ 84.8232, 90.0096,
91.5007

■ 15.1401, 6.2873,
79.0134

■ 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.



24.6650, 27.2852, 89.1223



32.1353, 27.2852, 82.1701



38.9197, 27.2852, 59.0071

Triad

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



32.1353, 27.2852, 82.1701



34.7825, 27.2852, 7.7061



14.4624, 27.2852, 26.1655

Complementary

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



32.1353, 27.2852, 82.1701



66.1126, 75.2354, 31.1177

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.



16.2149, 27.2852, 12.1853



32.1353, 27.2852, 82.1701



27.2453, 27.2852, 5.1554

Square

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



32.1353, 27.2852, 82.1701



40.6352, 27.2852, 16.0701



20.5863, 27.2852, 6.2990



15.2899, 27.2852, 49.4627

Rectangle

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



32.1353, 27.2852, 82.1701



41.6770, 27.2852, 41.4727



20.5863, 27.2852, 6.2990



14.7578, 27.2852, 20.4110

Sweetspot

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



32.1364, 27.2861, 82.1708



73.2848, 74.1888, 105.0651



52.4376, 69.5199, 83.9089



15.0472, 15.1202, 22.3754



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.



32.1364, 27.2861, 82.1708



32.1132, 24.8995, 97.7213



39.9972, 30.1543, 82.3101



14.2983, 14.6831, 19.0028



8.4547, 3.5565, 43.9838



0.6876, 0.3267, 3.4617

Inverse Universe

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



46.0849, 34.5358, 26.4281



50.8886, 34.8830, 22.6386



54.3286, 71.6666, 31.0500



15.0994, 15.0676, 15.8086



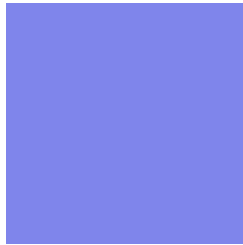
19.1229, 9.8518, 1.1824



1.5136, 0.7784, 0.1559

Previews

White Background



This preview shows how the XYZ color 32.1353, 27.2852, 82.1701 looks on a white background.

Color Contrast Check

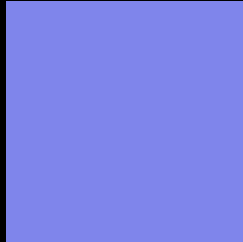
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1353, 27.2852, 82.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

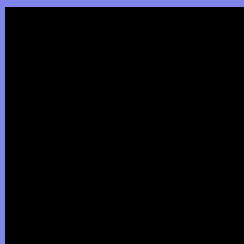
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1353, 27.2852, 82.1701

Background



This preview shows how black text looks on a background with the XYZ color 32.1353, 27.2852, 82.1701.



This preview shows how white text looks on a background with the XYZ color 32.1353, 27.2852,

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

32.1353, 27.2852, 82.1701

Protanopia

30.2554, 27.4688, 86.9265

Deuteranopia

28.3682, 27.5065, 80.9049



Tritanopia

23.1243, 27.1323, 37.7365

Trichromacy



Original Color

32.1353, 27.2852, 82.1701

Protanomaly

30.8323, 27.3745, 85.3201

Deuteranomaly

29.4507, 27.1725, 81.5345

Tritanomaly

25.8390, 26.8532, 51.3983

Monochromacy



Original Color

32.1353, 27.2852, 82.1701

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3856, 26.9182, 44.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1353, 27.2852, 82.1701 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(127, 133, 235)` looks like.

```
.text, #text, p{  
    color:rgb(127, 133, 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(127, 133, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 133, 235) }
```

Border

The CSS property to change the border of an element to XYZ 32.1353, 27.2852, 82.1701 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(127, 133, 235) }
```


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

```
.border{ border-color:rgb(127, 133, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 133, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 133, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 133, 235);  
box-shadow:4px 4px 4px 4px rgb(127, 133,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1353, 27.2852, 82.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 133, 235) }
```

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

```
.background{ background-color: rgb(127,  
133, 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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