

Converting Colors

XYZ(27.5526, 17.1620, 75.9892)

Have a look what the booklet for
XYZ(27.5526, 17.1620, 75.9892)
contains.

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Color

**XYZ(27.5526, 17.1620,
75.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	8953E5
RGB	137, 83, 229
RGB Percent	54%, 33%, 90%
CMY	0.4627, 0.6745, 0.1020
CMYK	0.40, 0.64, 0.00, 0.10
HSL	262°, 74%, 61%
HSV	262°, 64%, 90%
XYZ	27.5526, 17.1620, 75.9892
YIQ	115.7900, -14.6820, 56.8540

Conversions

Conversions Part 2

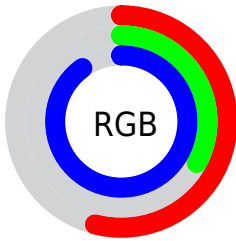
Format	Color
R _Y B	137, 83, 229
Decimal	8999909
CIE Lab	48.46, 53.05, -66.26
CIE LCh	48, 84.880, 308.683
Yxy	17.1620, 0.2283, 0.1422
Android (android.graphics.Color)	4287189989 (0xFF8953E5)
YUV	115.7900, 55.8125, 18.6012
Hunter-Lab	41.4270, 46.2208, -79.7561

Details

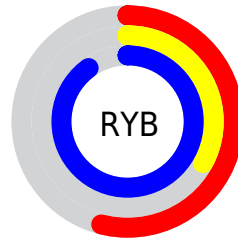
The XYZ color **27.5526, 17.1620, 75.9892** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **47.2596, 65.7772, 18.3893**, and the grayscale version is **16.3750, 17.2278, 18.7610**.

A 20% lighter version of the original color is **49.4789, 36.2837, 99.0034**, and **11.1048, 5.6313, 39.5314** is the 20% darker color. If you saturate the color by 10%, you get **23.8717, 13.0791, 75.3955**, and if you desaturate by 10%, it is **32.1299, 22.5658, 76.7914**.

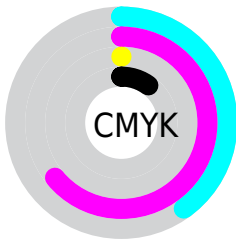
Distribution



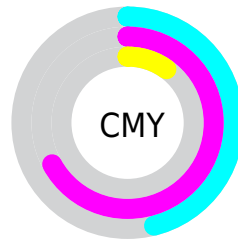
- Red (54%)
- Green (33%)
- Blue (90%)



- Red (54%)
- Yellow (33%)
- Blue (90%)



- Cyan (40%)
- Magenta (64%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (67%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5526, 17.1620, 75.9892 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 27.5526, 17.1620, 75.9892 by changing the saturation by 10% instead.

■ 27.5526, 17.1620,
75.9892

■ 27.5526, 17.1620,
75.9892

282.4419,
236.1042, 500.6566

■ 18.1274, 10.3501,
55.9170

■ 55.1830, 38.6041,
129.4716

■ 11.1417, 5.6317,
39.7329

■ 74.1189, 54.0030,
163.7189

■ 6.2302, 2.6224,
27.0181

■ 96.9558, 73.0331,
203.5284

■ 3.0276, 0.9380,
17.3543

■ 124.0590, 96.0787,
249.3185

■ 1.1684, 0.0000,
10.3228

■ 155.7938,
123.5242, 301.5078

■ 0.0812, 0.0000,
5.5051

192.5257,

■ 0.0000, 0.0000,

155.7541, 360.5149

2.4827

234.6199,
193.1526, 426.7583

■ 0.0000, 0.0000,
0.8310

■ 0.0000, 0.0000,
0.0000

■ 27.5526, 17.1620,
75.9892

■ 27.5526, 17.1620,
75.9892

■ 23.8717, 13.0791,
75.3955

■ 32.1299, 22.5658,
76.7914

■ 21.0127, 10.1901,
74.9885

■ 37.6643, 29.3976,
77.8183

■ 18.8909, 8.3440,
74.7441

■ 44.2134, 37.7553,
79.0864

■ 17.8623, 7.5746,
74.6497

■ 51.8295, 47.7274,
80.6098

60.5609, 59.3954,
82.4017

70.4528, 72.8353,
84.4745

81.5478, 88.1183,
86.8397

90.2080, 97.9552,
88.2819

91.1429, 98.4372,
88.3257

Harmonies

Analogous

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



18.6745, 17.1620, 100.9991



27.5526, 17.1620, 75.9892



34.5771, 17.1620, 38.9706

Triad

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



27.5526, 17.1620, 75.9892



22.3721, 17.1620, 0.3135



5.5477, 17.1620, 25.9236

Complementary

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



27.5526, 17.1620, 75.9892



47.2596, 65.7772, 18.3893

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.



5.9730, 17.1620, 7.0440



27.5526, 17.1620, 75.9892



14.1576, 17.1620, 0.0000

Square

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



27.5526, 17.1620, 75.9892



30.9852, 17.1620, 2.6683



8.6391, 17.1620, 1.2308



7.2041, 17.1620, 60.2492

Rectangle

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



27.5526, 17.1620, 75.9892



36.2857, 17.1620, 19.6878



8.6391, 17.1620, 1.2308



5.4666, 17.1620, 17.7197

Sweetspot

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



27.5534, 17.1626, 75.9896



71.1405, 67.5505, 103.8968



33.1314, 38.3385, 79.7830



14.5569, 13.5661, 22.1012



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.



27.5534, 17.1626, 75.9896



28.9990, 15.1595, 96.0054



43.6821, 25.4772, 76.7444



14.0838, 14.1454, 18.1324



10.3346, 4.3936, 42.6865



0.8635, 0.3761, 3.1591

Inverse Universe

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



43.1443, 25.9399, 43.2894



51.2682, 27.7449, 47.1119



35.1135, 59.5157, 17.8209



14.7571, 14.5200, 16.9215



21.4263, 10.7047, 16.4055



1.6278, 0.8088, 1.4465

Previews

White Background



This preview shows how the XYZ color 27.5526, 17.1620, 75.9892 looks on a white background.

Color Contrast Check

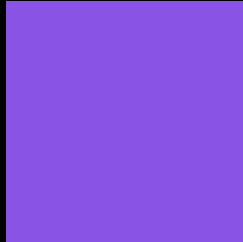
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.5526, 17.1620, 75.9892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

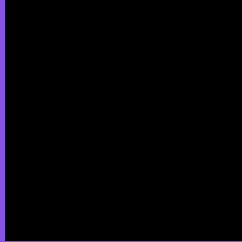
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.5526, 17.1620, 75.9892

Background



This preview shows how black text looks on a background with the XYZ color 27.5526, 17.1620, 75.9892.



This preview shows how white text looks on a background with the XYZ color 27.5526, 17.1620,

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

27.5526, 17.1620, 75.9892

Protanopia

20.6798, 17.3670, 80.8595

Deuteranopia

17.4979, 17.3646, 60.1871



Tritanopia

16.4025, 16.9754, 21.1510

Trichromacy



Original Color

27.5526, 17.1620, 75.9892



Protanomaly

20.6771, 15.8687, 79.0640



Deuteranomaly

18.5046, 15.6363, 65.6611



Tritanomaly

19.3979, 16.4467, 36.3346

Monochromacy



Original Color

27.5526, 17.1620, 75.9892



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

19.3483, 16.6200, 34.0865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5526, 17.1620, 75.9892 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(137, 83, 229)` looks like.

```
.text, #text, p{  
    color:rgb(137, 83, 229)  
}
```

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(137, 83, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 83, 229) }
```

Border

The CSS property to change the border of an element to XYZ 27.5526, 17.1620, 75.9892 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(137, 83, 229) }
```


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

```
.border{ border-color:rgb(137, 83, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 83, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 83, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 83, 229);  
box-shadow:4px 4px 4px 4px rgb(137, 83,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5526, 17.1620, 75.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 83, 229) }
```

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

```
.background{ background-color: rgb(137, 83,  
229) }
```

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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