

Converting Colors

XYZ(26.9514, 23.9694, 57.2389)

Have a look what the booklet for
XYZ(26.9514, 23.9694, 57.2389)
contains.

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Color

**XYZ(26.9514, 23.9694,
57.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	817FC7
RGB	129, 127, 199
RGB Percent	51%, 50%, 78%
CMY	0.4941, 0.5020, 0.2196
CMYK	0.35, 0.36, 0.00, 0.22
HSL	242°, 39%, 64%
HSV	242°, 36%, 78%
XYZ	26.9514, 23.9694, 57.2389
YIQ	135.8060, -21.9200, 22.8160

Conversions

Conversions Part 2

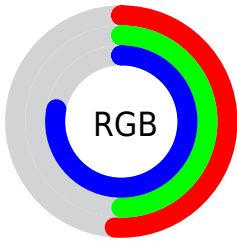
Format	Color
RYB	129, 127, 199
Decimal	8486855
CIELab	56.06, 17.90, -37.18
CIElCh	56, 41.260, 295.704
Yxy	23.9694, 0.2492, 0.2216
Android (android.graphics.Color)	4286676935 (0xFF817FC7)
YUV	135.8060, 31.1546, -5.9689
Hunter-Lab	48.9586, 12.5857, -35.0467

Details

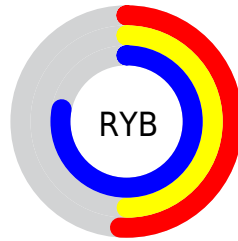
The XYZ color **26.9514, 23.9694, 57.2389** is a light color, and the websafe version is hex **666699**. A complement of this color would be **47.2806, 54.2499, 28.0589**, and the grayscale version is **23.2230, 24.4325, 26.6069**.

A 20% lighter version of the original color is **54.1384, 50.0529, 101.4155**, and **10.8157, 9.0296, 27.9609** is the 20% darker color. If you saturate the color by 10%, you get **21.9649, 17.9533, 56.3409**, and if you desaturate by 10%, it is **33.0036, 31.2893, 58.3332**.

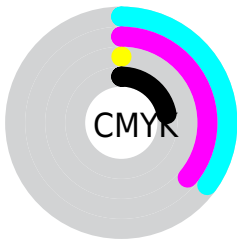
Distribution



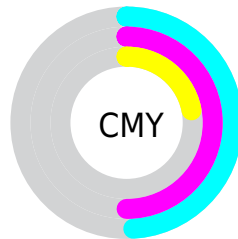
- Red (51%)
- Green (50%)
- Blue (78%)



- Red (51%)
- Yellow (50%)
- Blue (78%)



- Cyan (35%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9514, 23.9694, 57.2389 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 26.9514, 23.9694, 57.2389 by changing the saturation by 10% instead.

■ 26.9514, 23.9694,
57.2389

■ 26.9514, 23.9694,
57.2389

279.5936,
272.6657, 431.8627

■ 17.6731, 15.3109,
40.7864

■ 54.2263, 49.9803,
102.3175

■ 10.8138, 9.0379,
27.8338

■ 72.9537, 68.1014,
131.7807

■ 6.0082, 4.7659,
17.9625

■ 95.5614, 90.1456,
166.4179

■ 2.8907, 2.1106,
10.7539

122.4149,
116.4972, 206.6476

■ 1.0963, 0.6706,
5.7895

153.8795,
147.5407, 252.8884

■ 0.0220, 0.0000,
2.6508

190.3206,

■ 0.0000, 0.0000,

183.6603, 305.5588

0.9185

232.1035,
225.2405, 365.0774

■ 0.0000, 0.0000,
0.0000

■ 26.9514, 23.9694,
57.2389

■ 26.9514, 23.9694,
57.2389

■ 21.9649, 17.9533,
56.3409

■ 33.0036, 31.2893,
58.3332

■ 17.9800, 13.1619,
55.6261

■ 40.1755, 39.9804,
59.6328

■ 14.9297, 9.5120,
55.0824

■ 48.5206, 50.1086,
61.1479

■ 12.7379, 6.9088,
54.6954

■ 58.0881, 61.7349,
62.8877

■ 11.3164, 5.2420,
54.4486

■ 68.9244, 74.9168,
64.8610

■ 10.5562, 4.3735,
54.3211

■ 81.0736, 89.7085,
67.0757

■ 10.3781, 4.1592,
54.2891

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



22.1088, 23.9694, 61.5636



26.9514, 23.9694, 57.2389



31.1364, 23.9694, 43.6632

Triad

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



26.9514, 23.9694, 57.2389



28.2907, 23.9694, 9.9716



14.8747, 23.9694, 24.1988

Complementary

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



26.9514, 23.9694, 57.2389



47.2806, 54.2499, 28.0589

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.



16.0744, 23.9694, 14.0177



26.9514, 23.9694, 57.2389



23.4691, 23.9694, 7.8082

Square

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



26.9514, 23.9694, 57.2389



31.9815, 23.9694, 16.3671



19.0668, 23.9694, 8.9808



15.5414, 23.9694, 39.0791

Rectangle

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



26.9514, 23.9694, 57.2389



32.7617, 23.9694, 33.0604



19.0668, 23.9694, 8.9808



15.0679, 23.9694, 20.1899

Sweetspot

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



26.9523, 23.9703, 57.2395



77.4145, 78.5806, 105.6951



39.2102, 48.9329, 61.4117



16.1439, 16.3025, 22.5458



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.



26.9523, 23.9703, 57.2395



40.5135, 33.9108, 99.0179



33.2501, 27.2169, 57.5342



10.0835, 10.3013, 13.3744



6.6856, 2.6808, 34.9094



0.3263, 0.1319, 1.6534

Inverse Universe

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



41.2212, 31.3529, 56.7028



68.9823, 48.6433, 97.8104



39.1146, 50.0402, 27.6767



11.0699, 10.8113, 13.3513



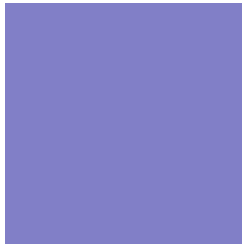
21.3743, 10.2993, 33.5106



1.0162, 0.4893, 1.6084

Previews

White Background



This preview shows how the XYZ color 26.9514, 23.9694, 57.2389 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 26.9514, 23.9694, 57.2389 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 26.9514, 23.9694, 57.2389

Background



This preview shows how black text looks on a background with the XYZ color 26.9514, 23.9694, 57.2389.



This preview shows how white text looks on a background with the XYZ color 26.9514, 23.9694,

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

26.9514, 23.9694, 57.2389

Protanopia

25.3374, 24.0655, 59.8096

Deuteranopia

24.6440, 23.9781, 56.7554



Tritanopia

21.7622, 23.8810, 31.4795

Trichromacy



Original Color

26.9514, 23.9694, 57.2389

Protanomaly

25.8458, 23.9425, 59.1363

Deuteranomaly

25.3796, 23.9547, 56.7121

Tritanomaly

23.3886, 23.7027, 39.9016

Monochromacy



Original Color

26.9514, 23.9694, 57.2389

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3184, 24.2648, 36.2027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9514, 23.9694, 57.2389 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(129, 127, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 127, 199)  
}
```

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(129, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 127, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.9514, 23.9694, 57.2389 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(129, 127, 199) }
```


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

```
.border{ border-color:rgb(129, 127, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 127, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 127, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 127, 199);  
box-shadow:4px 4px 4px 4px rgb(129, 127,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9514, 23.9694, 57.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 127, 199) }
```

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

```
.background{ background-color: rgb(129,  
127, 199) }
```

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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