

Converting Colors

XYZ(26.4915, 23.3215, 75.7783)

Have a look what the booklet for
XYZ(26.4915, 23.3215, 75.7783)
contains.

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Color

**XYZ(26.4915, 23.3215,
75.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	627FE3
RGB	98, 127, 227
RGB Percent	38%, 50%, 89%
CMY	0.6157, 0.5020, 0.1098
CMYK	0.57, 0.44, 0.00, 0.11
HSL	227°, 70%, 64%
HSV	227°, 57%, 89%
XYZ	26.4915, 23.3215, 75.7783
YIQ	129.7290, -49.3840, 24.9520

Conversions

Conversions Part 2

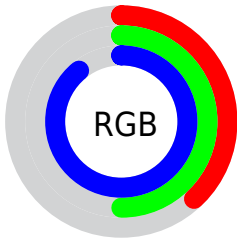
Format	Color
R_{YB}	98, 122, 227
Decimal	6455267
CIE _{Lab}	55.40, 18.84, -54.13
CIE _{LCh}	55, 57.317, 289.190
Yxy	23.3215, 0.2109, 0.1857
Android (android.graphics.Color)	4284645347 (0xFF627FE3)
YUV	129.7290, 47.9546, -27.8263
Hunter-Lab	48.2923, 13.4073, -59.2307

Details

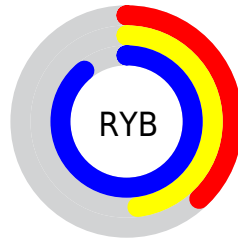
The XYZ color **26.4915, 23.3215, 75.7783** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **54.0790, 57.6035, 19.8251**, and the grayscale version is **20.9722, 22.0644, 24.0281**.

A 20% lighter version of the original color is **48.0747, 46.6283, 101.0741**, and **10.5987, 8.7653, 39.6613** is the 20% darker color. If you saturate the color by 10%, you get **22.3027, 18.0780, 74.9875**, and if you desaturate by 10%, it is **31.7735, 29.7183, 76.7351**.

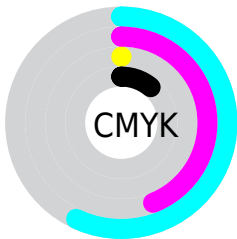
Distribution



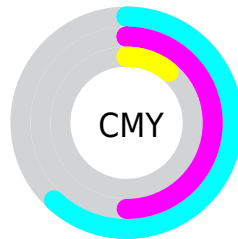
- Red (38%)
- Green (50%)
- Blue (89%)



- Red (38%)
- Yellow (48%)
- Blue (89%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4915, 23.3215, 75.7783 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 26.4915, 23.3215, 75.7783 by changing the saturation by 10% instead.

■ 26.4915, 23.3215,
75.7783

■ 26.4915, 23.3215,
75.7783

277.3992,
269.3720, 499.9151

■ 17.3263, 14.8311,
55.7452

■ 53.4925, 48.9207,
129.1707

■ 10.5642, 8.7009,
39.5960

■ 72.0590, 66.7983,
163.3670

■ 5.8397, 4.5466,
26.9123

■ 94.4899, 88.5737,
203.1215

■ 2.7876, 1.9838,
17.2755

■ 121.1507,
114.6313, 248.8527

■ 1.0425, 0.5980,
10.2671

152.4067,
145.3555, 300.9791

■ 0.0000, 0.0000,
5.4685

188.6232,

■ 0.0000, 0.0000,

181.1308, 359.9192

2.4612

230.1656,
222.3415, 426.0917

■ 0.0000, 0.0000,
0.8195

■ 0.0000, 0.0000,
0.0000

■ 26.4915, 23.3215,
75.7783

■ 26.4915, 23.3215,
75.7783

■ 22.3027, 18.0780,
74.9875

■ 31.7735, 29.7183,
76.7351

■ 19.1232, 13.9132,
74.3512

■ 38.2184, 37.3321,
77.8650

■ 16.8607, 10.7462,
73.8591

■ 45.8932, 46.2241,
79.1769

■ 15.3994, 8.4806,
73.4988

■ 54.8588, 56.4508,
80.6783

■ 15.0502, 7.9160,
73.4083

■ 65.1723, 68.0653,
82.3765

■ 76.8869, 81.1177,
84.2785

■ 89.3482, 95.2919,
86.3576

■ 90.8652, 98.3261,
86.8633

Harmonies

Analogous

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



19.9239, 23.3215, 78.5931



26.4915, 23.3215, 75.7783



32.9233, 23.3215, 56.3420

Triad

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



26.4915, 23.3215, 75.7783



31.2853, 23.3215, 6.8968



12.0913, 23.3215, 19.3051

Complementary

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



26.4915, 23.3215, 75.7783



54.0790, 57.6035, 19.8251

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.



14.0520, 23.3215, 8.5510



26.4915, 23.3215, 75.7783



24.5711, 23.3215, 4.0583

Square

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



26.4915, 23.3215, 75.7783



36.0404, 23.3215, 15.4278



18.3397, 23.3215, 4.4663



12.4067, 23.3215, 38.9269

Rectangle

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



26.4915, 23.3215, 75.7783



35.8751, 23.3215, 40.1929



18.3397, 23.3215, 4.4663



12.4882, 23.3215, 14.7619

Sweetspot

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



26.4925, 23.3223, 75.7789



71.0612, 73.0864, 104.9695



42.5738, 61.5623, 62.4033



14.6773, 15.0388, 22.3792



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.



26.4925, 23.3223, 75.7789



28.2811, 22.5681, 97.4732



27.8126, 19.2208, 74.9177



13.8443, 14.4100, 18.1961



8.8491, 4.7604, 42.8356



0.7226, 0.4891, 3.1883

Inverse Universe

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



39.8779, 26.5999, 23.1117



47.6525, 28.6046, 20.9631



51.5652, 67.1058, 21.7917



14.5090, 14.4208, 15.6148



18.8601, 9.6783, 2.8926



1.4284, 0.7291, 0.3963

Previews

White Background



This preview shows how the XYZ color 26.4915, 23.3215, 75.7783 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 26.4915, 23.3215, 75.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

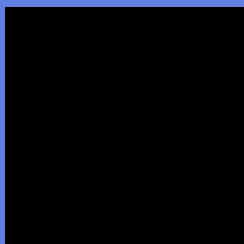
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4915, 23.3215, 75.7783

Background



This preview shows how black text looks on a background with the XYZ color 26.4915, 23.3215, 75.7783.



This preview shows how white text looks on a background with the XYZ color 26.4915, 23.3215,

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

26.4915, 23.3215, 75.7783

Protanopia

26.0176, 23.4324, 77.2804

Deuteranopia

24.0280, 23.2681, 74.4589



Tritanopia

18.2646, 23.3136, 34.5477

Trichromacy



Original Color

26.4915, 23.3215, 75.7783

Protanomaly

26.1364, 23.3151, 76.5215

Deuteranomaly

24.8243, 23.2601, 75.1328

Tritanomaly

20.5944, 22.9330, 47.0571

Monochromacy



Original Color

26.4915, 23.3215, 75.7783

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1130, 22.2687, 38.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4915, 23.3215, 75.7783 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(98, 127, 227)` looks like.

```
.text, #text, p{  
    color:rgb(98, 127, 227)  
}
```

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(98, 127, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 127, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.4915, 23.3215, 75.7783 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(98, 127, 227) }
```


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

```
.border{ border-color:rgb(98, 127, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 127, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 127, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 127, 227);  
box-shadow:4px 4px 4px 4px rgb(98, 127,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4915, 23.3215, 75.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 127, 227) }
```

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

```
.background{ background-color: rgb(98, 127,  
227) }
```

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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