

Converting Colors

XYZ(26.7941, 23.6473, 68.1179)

Have a look what the booklet for
XYZ(26.7941, 23.6473, 68.1179)
contains.

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Color

**XYZ(26.7941, 23.6473,
68.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	717FD8
RGB	113, 127, 216
RGB Percent	44%, 50%, 85%
CMY	0.5568, 0.5020, 0.1529
CMYK	0.48, 0.41, 0.00, 0.15
HSL	232°, 57%, 65%
HSV	232°, 48%, 85%
XYZ	26.7941, 23.6473, 68.1179
YIQ	132.9600, -36.9130, 24.7110

Conversions

Conversions Part 2

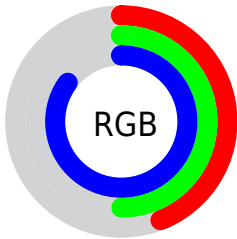
Format	Color
RYB	113, 125, 216
Decimal	7438296
CIELab	55.73, 18.65, -47.38
CIELCh	56, 50.915, 291.491
Yxy	23.6473, 0.2260, 0.1995
Android (android.graphics.Color)	4285628376 (0xFF717FD8)
YUV	132.9600, 40.9387, -17.5049
Hunter-Lab	48.6285, 13.2529, -49.0124

Details

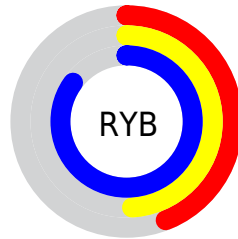
The XYZ color **26.7941, 23.6473, 68.1179** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **52.4214, 58.0343, 24.0631**, and the grayscale version is **22.1460, 23.2994, 25.3730**.

A 20% lighter version of the original color is **50.9488, 48.4086, 101.2662**, and **10.7330, 8.8342, 34.8577** is the 20% darker color. If you saturate the color by 10%, you get **22.1473, 17.9990, 67.2731**, and if you desaturate by 10%, it is **32.5505, 30.5312, 69.1437**.

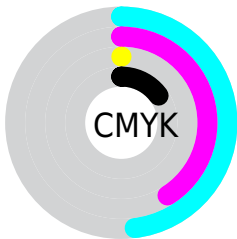
Distribution



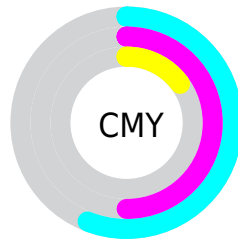
- Red (44%)
- Green (50%)
- Blue (85%)



- Red (44%)
- Yellow (49%)
- Blue (85%)



- Cyan (48%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7941, 23.6473, 68.1179 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 26.7941, 23.6473, 68.1179 by changing the saturation by 10% instead.

■ 26.7941, 23.6473,
68.1179

■ 26.7941, 23.6473,
68.1179

278.8446,
271.0325, 472.5230

■ 17.5544, 15.0722,
49.5264

■ 53.9755, 49.4540,
118.1766

■ 10.7283, 8.8701,
34.6687

■ 72.6480, 67.4544,
150.4809

■ 5.9504, 4.6565,
23.1263

■ 95.1954, 89.3654,
188.1931

■ 2.8553, 2.0472,
14.4806

121.9831,
115.5713, 231.7319

■ 1.0777, 0.6347,
8.3131

153.3766,
146.4566, 281.5157

■ 0.0063, 0.0000,
4.2053

189.7411,

■ 0.0000, 0.0000,

182.4056, 337.9631

1.7386

231.4419,
223.8028, 401.4927

■ 0.0000, 0.0000,
0.3870

■ 0.0000, 0.0000,
0.0000

■ 26.7941, 23.6473,
68.1179

■ 26.7941, 23.6473,
68.1179

■ 22.1473, 17.9990,
67.2731

■ 32.5505, 30.5312,
69.1437

■ 18.5351, 13.5099,
66.5970

■ 39.4796, 38.7159,
70.3583

■ 15.8771, 10.0987,
66.0786

■ 47.6428, 48.2651,
71.7712

■ 14.0797, 7.6723,
65.7050

■ 57.0965, 59.2374,
73.3908

■ 13.0203, 6.1159,
65.4604

■ 67.8938, 71.6881,
75.2250

■ 12.8428, 5.8541,
65.4192

■ 80.0843, 85.6695,
77.2812

■ 89.3948, 97.7379,
79.1199

Harmonies

Analogous

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



20.8728, 23.6473, 71.7395



26.7941, 23.6473, 68.1179



32.3322, 23.6473, 51.0565

Triad

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



26.7941, 23.6473, 68.1179



30.1226, 23.6473, 8.0198



13.1861, 23.6473, 21.3233

Complementary

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



26.7941, 23.6473, 68.1179



52.4214, 58.0343, 24.0631

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.



14.8590, 23.6473, 10.5898



26.7941, 23.6473, 68.1179



24.1594, 23.6473, 5.3652

Square

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



26.7941, 23.6473, 68.1179



34.4714, 23.6473, 15.7669



18.6488, 23.6473, 6.0461



13.6467, 23.6473, 39.2428

Rectangle

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



26.7941, 23.6473, 68.1179



34.7349, 23.6473, 37.2198



18.6488, 23.6473, 6.0461



13.5055, 23.6473, 16.9147

Sweetspot

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



26.7950, 23.6481, 68.1185



74.0502, 75.7194, 105.3202



41.8566, 56.8191, 63.7431



15.2307, 15.4872, 22.4365



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.



26.7950, 23.6481, 68.1185



32.3403, 26.3194, 97.9834



30.7046, 23.1638, 67.8190



11.8774, 12.2781, 15.6814



7.6471, 3.5560, 38.7365



0.5064, 0.3049, 2.3515

Inverse Universe

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



38.0556, 27.9427, 23.4670



50.7675, 33.9322, 24.7833



46.3482, 60.0020, 24.7630



12.4913, 12.4480, 13.2614



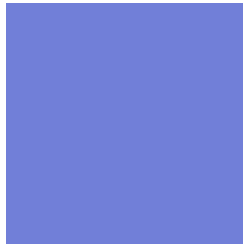
16.9188, 8.7038, 1.6104



1.0433, 0.5341, 0.2173

Previews

White Background



This preview shows how the XYZ color 26.7941, 23.6473, 68.1179 looks on a white background.

Color Contrast Check

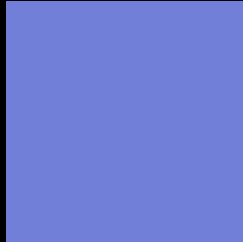
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7941, 23.6473, 68.1179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

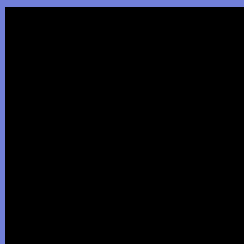
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7941, 23.6473, 68.1179

Background



This preview shows how black text looks on a background with the XYZ color 26.7941, 23.6473, 68.1179.



This preview shows how white text looks on a background with the XYZ color 26.7941, 23.6473,

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

26.7941, 23.6473, 68.1179

Protanopia

25.6986, 23.6211, 70.2227

Deuteranopia

24.5372, 23.8878, 67.6075



Tritanopia

19.8085, 23.6964, 33.2356

Trichromacy



Original Color

26.7941, 23.6473, 68.1179

Protanomaly

26.0987, 23.6460, 69.5183

Deuteranomaly

25.1014, 23.5718, 67.5168

Tritanomaly

21.9089, 23.4702, 43.9329

Monochromacy



Original Color

26.7941, 23.6473, 68.1179

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.3313, 23.3126, 37.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7941, 23.6473, 68.1179 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(113, 127, 216)` looks like.

```
.text, #text, p{  
    color:rgb(113, 127, 216)  
}
```

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(113, 127, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 127, 216) }
```

Border

The CSS property to change the border of an element to XYZ 26.7941, 23.6473, 68.1179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

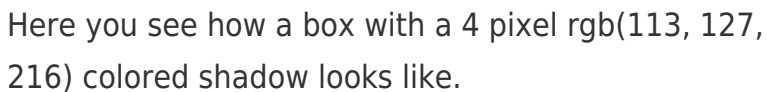
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 127, 216) }
```


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

```
.border{ border-color:rgb(113, 127, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(113, 127, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 127, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 127, 216); box-shadow:4px 4px 4px 4px rgb(113, 127, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7941, 23.6473, 68.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 127, 216) }
```

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

```
.background{ background-color: rgb(113,  
127, 216) }
```

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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