

Converting Colors

XYZ(25.7689, 23.3670, 53.4201)

Have a look what the booklet for
XYZ(25.7689, 23.3670, 53.4201)
contains.

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Color

**XYZ(25.8192, 23.4646,
53.6204)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7E7FC1 |
| RGB | 126, 127, 193 |
| RGB Percent | 49%, 50%, 76% |
| CMY | 0.5059, 0.5020, 0.2431 |
| CMYK | 0.35, 0.34, 0.00, 0.24 |
| HSL | 239°, 35%, 63% |
| HSV | 239°, 35%, 76% |
| XYZ | 25.8192, 23.4646, 53.6204 |
| YIQ | 134.2250, -21.7820, 20.3140 |

Conversions

Conversions Part 2

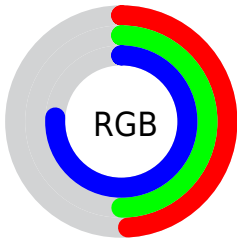
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 126, 127, 193 |
| Decimal | 8290241 |
| CIE _{Lab} | 55.55, 15.43, -34.58 |
| CIE _{LCh} | 56, 37.864, 294.041 |
| Yxy | 23.4646, 0.2509, 0.2280 |
| Android (android.graphics.Color) | 4286480321 (0xFF7E7FC1) |
| YUV | 134.2250, 28.9761, -7.2133 |
| Hunter-Lab | 48.4403, 10.3720, -31.7222 |

Details

The XYZ color **25.8192, 23.4646, 53.6204** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **44.6086, 50.5439, 27.1445**, and the grayscale version is **22.6459, 23.8252, 25.9457**.

A 20% lighter version of the original color is **52.6326, 49.3684, 97.1975**, and **10.2086, 8.7687, 25.5806** is the 20% darker color. If you saturate the color by 10%, you get **21.0150, 17.6808, 52.7576**, and if you desaturate by 10%, it is **31.6374, 30.4599, 54.6644**.

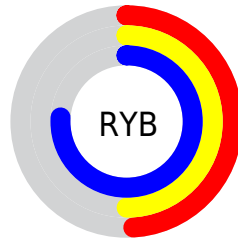
Distribution



Red (49%)

Green (50%)

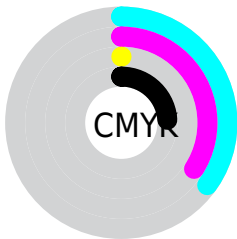
Blue (76%)



Red (49%)

Yellow (50%)

Blue (76%)

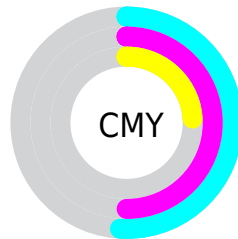


Cyan (35%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (50%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8192, 23.4646, 53.6204 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 25.8192, 23.4646, 53.6204 by changing the saturation by 10% instead.

■ 25.8192, 23.4646,
53.6204

■ 25.8192, 23.4646,
53.6204

274.1664,
270.1024, 417.7944

■ 16.8204, 14.9369,
37.9072

■ 52.4165, 49.1551,
96.9674

■ 10.2010, 8.7751,
25.6094

■ 70.7457, 67.0867,
125.4383

■ 5.5957, 4.5948,
16.3085

■ 92.9158, 88.9217,
158.9988

■ 2.6392, 2.0115,
9.5860

119.2921,
115.0446, 198.0674

■ 0.9660, 0.6142,
5.0233

150.2399,
145.8397, 243.0628

■ 0.0000, 0.0000,
2.2020

186.1247,

■ 0.0000, 0.0000,

181.6915, 294.4034

0.6755

227.3117,
222.9842, 352.5077

■ 0.0000, 0.0000,
0.0000

■ 25.8192, 23.4646,
53.6204

■ 25.8192, 23.4646,
53.6204

■ 21.0150, 17.6808,
52.7576

■ 31.6374, 30.4599,
54.6644

■ 17.1645, 13.0371,
52.0643

■ 38.5203, 38.7271,
55.8974

■ 14.2048, 9.4590,
51.5296

■ 46.5183, 48.3259,
57.3286

■ 12.0646, 6.8620,
51.1411

■ 55.6778, 59.3114,
58.9662

■ 10.6617, 5.1487,
50.8844

■ 66.0425, 71.7358,
60.8181

■ 9.8965, 4.2022,
50.7420

■ 77.6540, 85.6482,
62.8915

■ 9.6570, 3.9128,
50.6988

■ 86.6257, 96.6303,
64.5384

Harmonies

Analogous

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



21.4604, 23.4646, 56.8189



25.8192, 23.4646, 53.6204



29.6345, 23.4646, 42.0036

Triad

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



25.8192, 23.4646, 53.6204



27.4823, 23.4646, 10.8452



15.0891, 23.4646, 23.1835

Complementary

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



25.8192, 23.4646, 53.6204



44.6086, 50.5439, 27.1445

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.



16.2920, 23.4646, 14.0744



25.8192, 23.4646, 53.6204



23.1662, 23.4646, 8.5662

Square

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



25.8192, 23.4646, 53.6204



30.6773, 23.4646, 17.1131



19.1204, 23.4646, 9.5233



15.6100, 23.4646, 36.3819

Rectangle

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



25.8192, 23.4646, 53.6204



31.1696, 23.4646, 32.5789



19.1204, 23.4646, 9.5233



15.2999, 23.4646, 19.6109

Sweetspot

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



25.8200, 23.4655, 53.6210



75.2646, 76.8924, 101.2351



37.1764, 46.3768, 56.7941



15.7187, 15.9822, 21.6417



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8200, 23.4655, 53.6210



39.2638, 33.6249, 94.7811



31.2634, 26.0810, 53.8389



9.5401, 9.7715, 12.6681



6.4282, 2.6129, 33.7221



0.2820, 0.1214, 1.4584

Inverse Universe

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



33.2847, 27.7924, 23.6897



54.7329, 42.6298, 32.7452



37.4574, 47.1842, 26.8729



10.0792, 10.0803, 10.5074



14.6406, 7.5460, 0.7537



0.6347, 0.3269, 0.0438

Previews

White Background



This preview shows how the XYZ color 25.8192, 23.4646, 53.6204 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 25.8192, 23.4646, 53.6204 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 25.8192, 23.4646, 53.6204

Background



This preview shows how black text looks on a background with the XYZ color 25.8192, 23.4646, 53.6204.

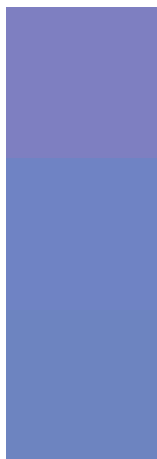


This preview shows how white text looks on a background with the XYZ color 25.8192, 23.4646,

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

25.8192, 23.4646, 53.6204

Protanopia

24.6357, 23.5976, 55.4809

Deuteranopia

24.0724, 23.5595, 53.1479



Tritanopia

21.2731, 23.4279, 31.0046

Trichromacy



Original Color

25.8192, 23.4646, 53.6204

Protanomaly

25.0354, 23.6184, 54.8691

Deuteranomaly

24.5673, 23.4159, 53.0941

Tritanomaly

22.8341, 23.4485, 38.4445

Monochromacy



Original Color

25.8192, 23.4646, 53.6204

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3928, 23.4245, 34.2988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8192, 23.4646, 53.6204 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(126, 127, 193)` looks like.

```
.text, #text, p{  
    color:rgb(126, 127, 193)  
}
```

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(126, 127, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 127, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.8192, 23.4646, 53.6204 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(126, 127, 193) }
```


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

```
.border{ border-color:rgb(126, 127, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 127, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 127, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 127, 193);  
box-shadow:4px 4px 4px 4px rgb(126, 127,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8192, 23.4646, 53.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 127, 193) }
```

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

```
.background{ background-color: rgb(126,  
127, 193) }
```

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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