

Converting Colors

XYZ(25.0576, 23.3760, 44.2410)

Have a look what the booklet for
XYZ(25.0576, 23.3760, 44.2410)
contains.

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Color

**XYZ(25.0714, 23.4785,
44.2847)**

Conversions

Conversions Part 1

Format	Color
Hex	8480B0
RGB	132, 128, 176
RGB Percent	52%, 50%, 69%
CMY	0.4823, 0.4980, 0.3098
CMYK	0.25, 0.27, 0.00, 0.31
HSL	245°, 23%, 60%
HSV	245°, 27%, 69%
XYZ	25.0714, 23.4785, 44.2847
YIQ	134.6680, -13.0240, 15.7760

Conversions

Conversions Part 2

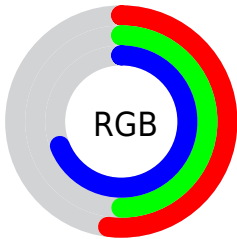
Format	Color
RYB	132, 128, 176
Decimal	8683696
CIELab	55.56, 12.21, -24.80
CIElCh	56, 27.641, 296.209
Yxy	23.4785, 0.2701, 0.2529
Android (android.graphics.Color)	4286873776 (0xFF8480B0)
YUV	134.6680, 20.3767, -2.3398
Hunter-Lab	48.4546, 7.5639, -20.2694

Details

The XYZ color **25.0714, 23.4785, 44.2847** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.4355, 41.3804, 26.4899**, and the grayscale version is **22.8374, 24.0267, 26.1650**.

A 20% lighter version of the original color is **51.3391, 49.3130, 83.1564**, and **9.7645, 8.7714, 19.9173** is the 20% darker color. If you saturate the color by 10%, you get **20.6411, 18.0776, 43.4761**, and if you desaturate by 10%, it is **30.2917, 29.8788, 45.2453**.

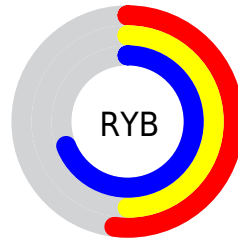
Distribution



Red (52%)

Green (50%)

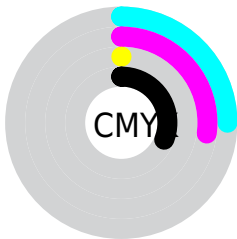
Blue (69%)



Red (52%)

Yellow (50%)

Blue (69%)

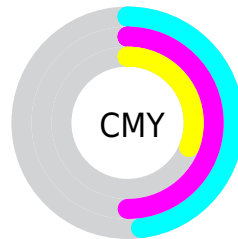


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (50%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0714, 23.4785, 44.2847 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 25.0714, 23.4785, 44.2847 by changing the saturation by 10% instead.

■ 25.0714, 23.4785,
44.2847

■ 25.0714, 23.4785,
44.2847

270.5344,
270.1732, 379.9441

■ 16.2593, 14.9472,
30.5556

■ 51.2151, 49.1778,
82.9530

■ 9.7998, 8.7824,
20.0050

■ 69.2774, 67.1147,
108.7293

■ 5.3277, 4.5995,
12.2146

■ 91.1537, 88.9555,
139.3583

■ 2.4775, 2.0142,
6.7657

117.2095,
115.0847, 175.2586

■ 0.8839, 0.6157,
3.2398

147.8102,
145.8867, 216.8489

■ 0.0000, 0.0000,
1.2183

183.3209,

■ 0.0000, 0.0000,

181.7459, 264.5475

0.0000

224.1072,
223.0466, 318.7731

■ 25.0714, 23.4785,
44.2847

■ 25.0714, 23.4785,
44.2847

■ 20.6411, 18.0776,
43.4761

■ 30.2917, 29.8788,
45.2453

■ 16.9599, 13.6230,
42.8103

■ 36.3353, 37.3224,
46.3636

■ 13.9870, 10.0608,
42.2794

■ 43.2368, 45.8541,
47.6466

■ 11.6766, 7.3307,
41.8742

■ 51.0277, 55.5152,
49.1008

■ 9.9776, 5.3649,
41.5844

■ 59.7382, 66.3449,
50.7320

■ 8.8312, 4.0848,
41.3977

■ 69.3970, 78.3804,
52.5460

■ 8.1586, 3.3780,
41.2967

■ 80.0316, 91.6573,
54.5482

■ 8.0281, 3.2334,
41.2757

■ 84.8366, 95.9146,
55.1167

Harmonies

Analogous

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



21.9213, 23.4785, 46.8255



25.0714, 23.4785, 44.2847



27.6819, 23.4785, 36.3596

Triad

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



25.0714, 23.4785, 44.2847



25.8212, 23.4785, 13.7787



16.8488, 23.4785, 24.4450

Complementary

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



25.0714, 23.4785, 44.2847



36.4355, 41.3804, 26.4899

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.



17.6919, 23.4785, 17.1497



25.0714, 23.4785, 44.2847



22.7146, 23.4785, 11.9672

Square

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



25.0714, 23.4785, 44.2847



28.1423, 23.4785, 18.7020



19.7695, 23.4785, 13.0401



17.3544, 23.4785, 33.9277

Rectangle

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



25.0714, 23.4785, 44.2847



28.6636, 23.4785, 29.8823



19.7695, 23.4785, 13.0401



16.9817, 23.4785, 21.6833

Sweetspot

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



25.0722, 23.4794, 44.2852



64.8867, 66.4401, 83.8996



31.6445, 37.5349, 46.6518



13.6936, 13.9443, 18.1141



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.0722, 23.4794, 44.2852



40.2420, 36.2002, 79.3617



29.1124, 25.5623, 44.4743



8.1054, 8.2629, 10.6740



5.9121, 2.3836, 30.2855



0.2075, 0.0861, 0.9539

Inverse Universe

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



33.0707, 27.6479, 42.6240



57.3346, 45.1120, 75.6316



31.7803, 38.9805, 26.2721



8.8189, 8.6343, 10.5446



17.8891, 8.6732, 25.6395



0.5718, 0.2765, 0.8537

Previews

White Background



This preview shows how the XYZ color 25.0714, 23.4785, 44.2847 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 25.0714, 23.4785, 44.2847 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 25.0714, 23.4785, 44.2847

Background



This preview shows how black text looks on a background with the XYZ color 25.0714, 23.4785, 44.2847.



This preview shows how white text looks on a background with the XYZ color 25.0714, 23.4785,

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

25.0714, 23.4785, 44.2847

Protanopia

23.9987, 23.4803, 45.9151

Deuteranopia

24.0225, 23.5387, 43.8347



Tritanopia

22.2401, 23.5301, 30.1577

Trichromacy



Original Color

25.0714, 23.4785, 44.2847

Protanomaly

24.3307, 23.4647, 45.3663

Deuteranomaly

24.3247, 23.4960, 43.8106

Tritanomaly

23.1541, 23.4920, 34.7666

Monochromacy



Original Color

25.0714, 23.4785, 44.2847

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5878, 23.7729, 32.1996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0714, 23.4785, 44.2847 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(132, 128, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 176)  
}
```

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(132, 128, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.0714, 23.4785, 44.2847 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(132, 128, 176) }
```


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

```
.border{ border-color:rgb(132, 128, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 128, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0714, 23.4785, 44.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 176) }
```

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

```
.background{ background-color: rgb(132,  
128, 176) }
```

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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