

Converting Colors

XYZ(25.2289, 22.9589, 54.1492)

Have a look what the booklet for
XYZ(25.2289, 22.9589, 54.1492)
contains.

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Color

**XYZ(25.2245, 22.9543,
54.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7EC2
RGB	122, 126, 194
RGB Percent	48%, 49%, 76%
CMY	0.5216, 0.5059, 0.2392
CMYK	0.37, 0.35, 0.00, 0.24
HSL	237°, 37%, 62%
HSV	237°, 37%, 76%
XYZ	25.2245, 22.9543, 54.1401
YIQ	132.5560, -24.2120, 20.3000

Conversions

Conversions Part 2

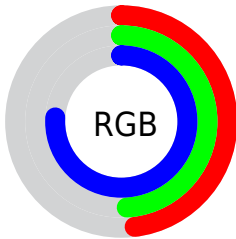
Format	Color
R _Y B	122, 126, 194
Decimal	8027842
CIE Lab	55.03, 15.17, -35.99
CIE LCh	55, 39.057, 292.859
Yxy	22.9543, 0.2465, 0.2243
Android (android.graphics.Color)	4286217922 (0xFF7A7EC2)
YUV	132.5560, 30.2919, -9.2576
Hunter-Lab	47.9106, 10.1349, -33.4616

Details

The XYZ color **25.2245, 22.9543, 54.1401** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **44.1752, 49.7024, 25.6787**, and the grayscale version is **22.0338, 23.1812, 25.2444**.

A 20% lighter version of the original color is **51.6641, 48.5523, 97.9153**, and **9.8417, 8.4664, 25.9264** is the 20% darker color. If you saturate the color by 10%, you get **20.6146, 17.4129, 53.3139**, and if you desaturate by 10%, it is **30.8134, 29.6383, 55.1361**.

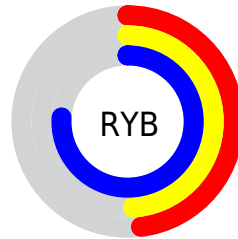
Distribution



Red (48%)

Green (49%)

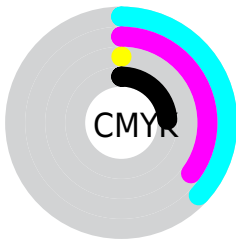
Blue (76%)



Red (48%)

Yellow (49%)

Blue (76%)

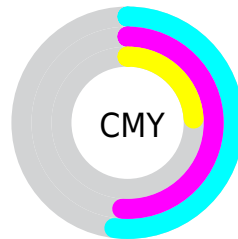


Cyan (37%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2245, 22.9543, 54.1401 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 25.2245, 22.9543, 54.1401 by changing the saturation by 10% instead.

■ 25.2245, 22.9543,
54.1401

■ 25.2245, 22.9543,
54.1401

271.2812,
267.4902, 419.8337

■ 16.3740, 14.5598,
38.3197

■ 51.4615, 48.3183,
97.7384

■ 9.8817, 8.5110,
25.9272

■ 69.5787, 66.0565,
126.3534

■ 5.3823, 4.4236,
16.5439

■ 91.5155, 87.6781,
160.0704

■ 2.5103, 1.9132,
9.7513

117.6373,
113.5674, 199.3079

■ 0.9005, 0.5563,
5.1310

148.3094,
144.1089, 244.4844

■ 0.0000, 0.0000,
2.2642

183.8971,

■ 0.0000, 0.0000,

179.6869, 296.0186

0.7111

224.7660,
220.6859, 354.3288

■ 0.0000, 0.0000,
0.0000

■ 25.2245, 22.9543,
54.1401

■ 25.2245, 22.9543,
54.1401

■ 20.6146, 17.4129,
53.3139

■ 30.8134, 29.6383,
55.1361

■ 16.9251, 12.9477,
52.6465

■ 37.4307, 37.5210,
56.3089

■ 14.0947, 9.4893,
52.1281

■ 45.1252, 46.6583,
57.6670

■ 12.0538, 6.9595,
51.7474

■ 53.9421, 57.1015,
59.2180

■ 10.7219, 5.2682,
51.4911

■ 63.9239, 68.8990,
60.9691

■ 9.9941, 4.3038,
51.3433

■ 75.1108, 82.0971,
62.9269

■ 9.8548, 4.1293,
51.3170

■ 86.5021, 96.2039,
65.0494

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



20.7957, 22.9543, 57.0235



25.2245, 22.9543, 54.1401



29.1736, 22.9543, 42.3912

Triad

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



25.2245, 22.9543, 54.1401



27.2574, 22.9543, 10.3661



14.5366, 22.9543, 22.1368

Complementary

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



25.2245, 22.9543, 54.1401



44.1752, 49.7024, 25.6787

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.



15.8150, 22.9543, 13.1564



25.2245, 22.9543, 54.1401



22.8720, 22.9543, 7.9818

Square

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



25.2245, 22.9543, 54.1401



30.4517, 22.9543, 16.8070



18.7318, 22.9543, 8.7991



14.9921, 22.9543, 35.4816

Rectangle

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



25.2245, 22.9543, 54.1401



30.8089, 22.9543, 32.7248



18.7318, 22.9543, 8.7991



14.7713, 22.9543, 18.5870

Sweetspot

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



25.2253, 22.9552, 54.1406



75.8509, 77.5271, 103.4362



36.5256, 46.4046, 55.2904



16.1867, 16.4743, 22.5767



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.



25.2253, 22.9552, 54.1406



38.4136, 32.8316, 96.7823



29.8727, 24.6069, 54.2145



9.5722, 9.8357, 12.6788



6.4990, 2.7546, 33.7458



0.2966, 0.1506, 1.4633

Inverse Universe

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



32.9743, 26.8957, 23.1929



54.6416, 41.2499, 31.9338



37.8687, 47.7548, 25.6351



10.0954, 10.0868, 10.5928



14.6764, 7.5603, 0.9420



0.6421, 0.3298, 0.0827

Previews

White Background



This preview shows how the XYZ color 25.2245, 22.9543, 54.1401 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 25.2245, 22.9543, 54.1401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

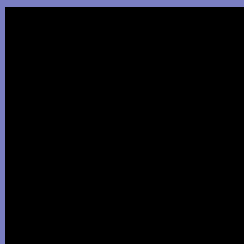
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2245, 22.9543, 54.1401

Background



This preview shows how black text looks on a background with the XYZ color 25.2245, 22.9543, 54.1401.

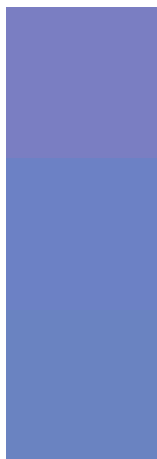


This preview shows how white text looks on a background with the XYZ color 25.2245, 22.9543,

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

25.2245, 22.9543, 54.1401

Protanopia

24.1126, 22.9199, 55.9764

Deuteranopia

23.6858, 23.1470, 53.6715



Tritanopia

20.5480, 23.0631, 30.5628

Trichromacy



Original Color

25.2245, 22.9543, 54.1401

Protanomaly

24.4930, 22.9346, 55.3604

Deuteranomaly

24.1580, 22.9955, 53.6174

Tritanomaly

21.9324, 22.7917, 37.8936

Monochromacy



Original Color

25.2245, 22.9543, 54.1401

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9523, 22.9989, 34.2399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2245, 22.9543, 54.1401 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(122, 126, 194)` looks like.

```
.text, #text, p{  
    color:rgb(122, 126, 194)  
}
```

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(122, 126, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 126, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.2245, 22.9543, 54.1401 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(122, 126, 194) }
```


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

```
.border{ border-color:rgb(122, 126, 194) }
```

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

Here you see how a box with a 4 pixel rgb(122, 126, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 126, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 126, 194);  
box-shadow:4px 4px 4px 4px rgb(122, 126,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2245, 22.9543, 54.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 126, 194) }
```

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

```
.background{ background-color: rgb(122,  
126, 194) }
```

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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