

Converting Colors

XYZ(25.9590, 21.2413, 51.4470)

Have a look what the booklet for
XYZ(25.9590, 21.2413, 51.4470)
contains.

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Color

**XYZ(25.9590, 21.2413,
51.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	8B72BE
RGB	139, 114, 190
RGB Percent	55%, 45%, 75%
CMY	0.4549, 0.5529, 0.2549
CMYK	0.27, 0.40, 0.00, 0.25
HSL	260°, 37%, 60%
HSV	260°, 40%, 75%
XYZ	25.9590, 21.2413, 51.4470
YIQ	130.1390, -9.4960, 28.9360

Conversions

Conversions Part 2

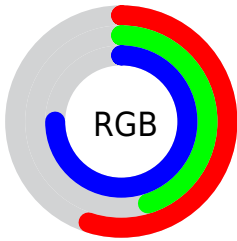
Format	Color
R _Y B	139, 114, 190
Decimal	9138878
CIE Lab	53.21, 26.07, -36.44
CIE LCh	53, 44.810, 305.583
Yxy	21.2413, 0.2631, 0.2153
Android (android.graphics.Color)	4287328958 (0xFF8B72BE)
YUV	130.1390, 29.5115, 7.7711
Hunter-Lab	46.0883, 19.8847, -33.9219

Details

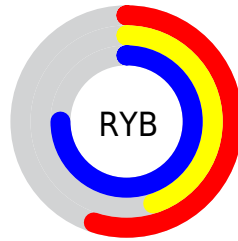
The XYZ color **25.9590, 21.2413, 51.4470** is a dark color, and the websafe version is hex **9966CC**, and the color name is **middle blue purple**. A complement of this color would be **36.9683, 46.0416, 22.8589**, and the grayscale version is **21.1692, 22.2716, 24.2538**.

A 20% lighter version of the original color is **52.6729, 45.4572, 93.9936**, and **10.3226, 7.7002, 24.2348** is the 20% darker color. If you saturate the color by 10%, you get **22.0282, 16.3574, 50.7119**, and if you desaturate by 10%, it is **30.5848, 27.1451, 52.3431**.

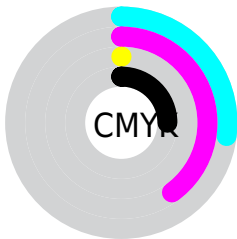
Distribution



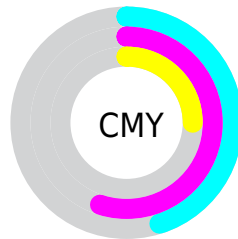
- Red (55%)
- Green (45%)
- Blue (75%)



- Red (55%)
- Yellow (45%)
- Blue (75%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9590, 21.2413, 51.4470 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 25.9590, 21.2413, 51.4470 by changing the saturation by 10% instead.

■ 25.9590, 21.2413,
51.4470

■ 25.9590, 21.2413,
51.4470

274.8411,
258.5581, 409.1940

■ 16.9255, 13.3005,
36.1853

■ 52.6406, 45.4888,
93.7334

■ 10.2764, 7.6358,
24.2865

■ 71.0193, 62.5642,
121.5952

■ 5.6462, 3.8628,
15.3321

■ 93.2439, 83.4534,
154.4941

■ 2.6698, 1.5971,
8.9036

■ 119.6796,
108.5406, 192.8486

■ 0.9816, 0.3557,
4.5824

150.6919,
138.2103, 237.0774

■ 0.0000, 0.0000,
1.9500

186.6459,

■ 0.0000, 0.0000,

172.8468, 287.5988

0.5243

227.9073,
212.8346, 344.8315

■ 0.0000, 0.0000,
0.0000

■ 25.9590, 21.2413,
51.4470

■ 25.9590, 21.2413,
51.4470

■ 22.0282, 16.3574,
50.7119

■ 30.5848, 27.1451,
52.3431

■ 18.7538, 12.4311,
50.1266

■ 35.9367, 34.1212,
53.4076

■ 16.0967, 9.3966,
49.6809

■ 42.0468, 42.2214,
54.6490

■ 14.0122, 7.1789,
49.3627

■ 48.9442, 51.4934,
56.0752

■ 12.4486, 5.6896,
49.1577

■ 56.6567, 61.9819,
57.6932

■ 11.3126, 4.7582,
49.0378

■ 65.2107, 73.7295,
59.5098

■ 11.3125, 4.7581,
49.0378

■ 74.6311, 86.7765,
61.5316

■ 81.3308, 93.9389,
62.5610

■ 85.8368, 96.2619,
62.7719

Harmonies

Analogous

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



21.0873, 21.2413, 59.9570



25.9590, 21.2413, 51.4470



29.6576, 21.2413, 35.6565

Triad

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



25.9590, 21.2413, 51.4470



24.1881, 21.2413, 6.5914



12.4210, 21.2413, 25.7567

Complementary

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



25.9590, 21.2413, 51.4470



36.9683, 46.0416, 22.8589

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.



12.9868, 21.2413, 13.9433



25.9590, 21.2413, 51.4470



19.3170, 21.2413, 5.6812

Square

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



25.9590, 21.2413, 51.4470



28.5285, 21.2413, 11.0389



15.3448, 21.2413, 7.7512



13.6575, 21.2413, 41.8426

Rectangle

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



25.9590, 21.2413, 51.4470



30.6858, 21.2413, 25.1932



15.3448, 21.2413, 7.7512



12.4094, 21.2413, 21.1792

Sweetspot

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



25.9598, 21.2421, 51.4475



73.6429, 73.1090, 98.5092



29.8585, 34.5440, 53.8095



15.8412, 15.6151, 21.5644



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.



25.9598, 21.2421, 51.4475



40.7230, 30.6276, 92.0445



33.2318, 24.9910, 51.7878



9.3042, 9.3737, 11.9911



7.5967, 3.2023, 32.6106



0.3681, 0.1618, 1.2807

Inverse Universe

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



34.0446, 25.6991, 38.7640



57.7033, 40.0075, 64.5457



30.3434, 42.6264, 22.5489



9.7929, 9.6414, 11.2982



16.7266, 8.3218, 14.3858



0.6842, 0.3376, 0.7161

Previews

White Background



This preview shows how the XYZ color 25.9590, 21.2413, 51.4470 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 25.9590, 21.2413, 51.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

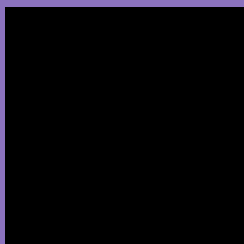
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9590, 21.2413, 51.4470

Background



This preview shows how black text looks on a background with the XYZ color 25.9590, 21.2413, 51.4470.



This preview shows how white text looks on a background with the XYZ color 25.9590, 21.2413,

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

25.9590, 21.2413, 51.4470

Protanopia

22.8979, 21.5001, 56.9759

Deuteranopia

21.7973, 21.2763, 49.9716



Tritanopia

20.9580, 21.3664, 26.3121

Trichromacy



Original Color

25.9590, 21.2413, 51.4470

Protanomaly

23.7406, 21.2377, 55.0726

Deuteranomaly

23.1069, 21.1947, 50.4501

Tritanomaly

22.6331, 21.3059, 34.3720

Monochromacy



Original Color

25.9590, 21.2413, 51.4470

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5480, 21.6688, 32.6999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9590, 21.2413, 51.4470 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(139, 114, 190)` looks like.

```
.text, #text, p{  
    color:rgb(139, 114, 190)  
}
```

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(139, 114, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 114, 190) }
```

Border

The CSS property to change the border of an element to XYZ 25.9590, 21.2413, 51.4470 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(139, 114, 190) }
```


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

```
.border{ border-color:rgb(139, 114, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 114, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 114, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 114, 190);  
box-shadow:4px 4px 4px 4px rgb(139, 114,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9590, 21.2413, 51.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 114, 190) }
```

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

```
.background{ background-color: rgb(139,  
114, 190) }
```

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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