

Converting Colors

XYZ(25.3030, 21.5756, 52.1215)

Have a look what the booklet for
XYZ(25.3030, 21.5756, 52.1215)
contains.

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Color

**XYZ(25.2425, 21.5437,
52.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	8376BF
RGB	131, 118, 191
RGB Percent	51%, 46%, 75%
CMY	0.4863, 0.5372, 0.2510
CMYK	0.31, 0.38, 0.00, 0.25
HSL	251°, 36%, 61%
HSV	251°, 38%, 75%
XYZ	25.2425, 21.5437, 52.1182
YIQ	130.2090, -15.6850, 25.4590

Conversions

Conversions Part 2

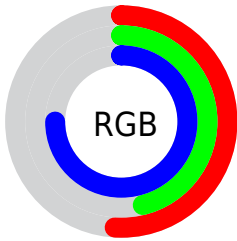
Format	Color
R_{YB}	131, 118, 191
Decimal	8615615
CIE _{Lab}	53.54, 21.65, -36.55
CIE _{LCh}	54, 42.485, 300.641
Yxy	21.5437, 0.2552, 0.2178
Android (android.graphics.Color)	4286805695 (0xFF8376BF)
YUV	130.2090, 29.9700, 0.6937
Hunter-Lab	46.4152, 15.8491, -34.0843

Details

The XYZ color **25.2425, 21.5437, 52.1182** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **40.2612, 48.0350, 24.2899**, and the grayscale version is **21.1939, 22.2976, 24.2821**.

A 20% lighter version of the original color is **51.5677, 45.9659, 94.9613**, and **9.9300, 7.8487, 24.6585** is the 20% darker color. If you saturate the color by 10%, you get **20.9670, 16.3323, 51.3380**, and if you desaturate by 10%, it is **30.3434, 27.8575, 53.0684**.

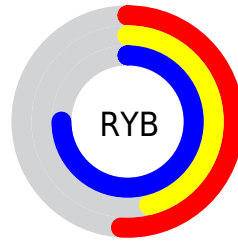
Distribution



Red (51%)

Green (46%)

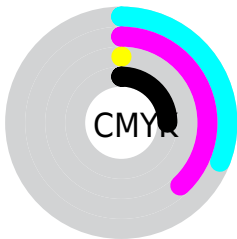
Blue (75%)



Red (51%)

Yellow (46%)

Blue (75%)

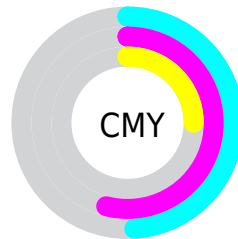


Cyan (31%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (54%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2425, 21.5437, 52.1182 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 25.2425, 21.5437, 52.1182 by changing the saturation by 10% instead.

■ 25.2425, 21.5437,
52.1182

■ 25.2425, 21.5437,
52.1182

271.3689,
260.1540, 411.8627

■ 16.3875, 13.5220,
36.7164

■ 51.4904, 45.9907,
94.7339

■ 9.8914, 7.7890,
24.6939

■ 69.6141, 63.1847,
122.7849

■ 5.3887, 3.9602,
15.6322

■ 91.5580, 84.2050,
155.8893

■ 2.5142, 1.6513,
9.1128

117.6875,
109.4360, 194.4658

■ 0.9024, 0.3918,
4.7170

148.3680,
139.2619, 238.9328

■ 0.0000, 0.0000,
2.0264

183.9648,

■ 0.0000, 0.0000,

174.0673, 289.7090

0.5714

224.8433,
214.2366, 347.2127

■ 0.0000, 0.0000,
0.0000

■ 25.2425, 21.5437,
52.1182

■ 25.2425, 21.5437,
52.1182

■ 20.9670, 16.3323,
51.3380

■ 30.3434, 27.8575,
53.0684

■ 17.4703, 12.1569,
50.7164

■ 36.3081, 35.3298,
54.1964

■ 14.7048, 8.9479,
50.2428

■ 43.1756, 44.0160,
55.5110

■ 12.6165, 6.6259,
49.9046

■ 50.9815, 53.9670,
57.0203

■ 11.1433, 5.0985,
49.6875

■ 59.7597, 65.2309,
58.7318

■ 10.1972, 4.2253,
49.5688

■ 69.5422, 77.8533,
60.6526

■ 10.0643, 4.1020,
49.5520

■ 80.3598, 91.8775,
62.7894

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



20.5741, 21.5437, 58.2711



25.2425, 21.5437, 52.1182



29.0415, 21.5437, 37.9306

Triad

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



25.2425, 21.5437, 52.1182



25.0492, 21.5437, 7.7450



12.9458, 21.5437, 23.7373

Complementary

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



25.2425, 21.5437, 52.1182



40.2612, 48.0350, 24.2899

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.



13.7867, 21.5437, 13.2324



25.2425, 21.5437, 52.1182



20.3795, 21.5437, 6.3141

Square

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



25.2425, 21.5437, 52.1182



28.9188, 21.5437, 12.9055



16.3519, 21.5437, 7.8789



13.8617, 21.5437, 38.5996

Rectangle

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



25.2425, 21.5437, 52.1182



30.3254, 21.5437, 27.7510



16.3519, 21.5437, 7.8789



13.0309, 21.5437, 19.6313

Sweetspot

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



25.2433, 21.5445, 52.1187



73.5203, 74.0032, 98.6882



32.9625, 39.7872, 55.2330



15.7671, 15.7727, 21.5987



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.



25.2433, 21.5445, 52.1187



38.6029, 30.5220, 92.1359



31.7490, 24.8983, 52.4232



9.1707, 9.3049, 11.9849



6.6634, 2.7212, 32.5669



0.3103, 0.1320, 1.2780

Inverse Universe

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



36.0006, 27.2482, 45.4814



60.8239, 42.3199, 77.6979



33.1140, 44.3505, 23.9554



9.8551, 9.6663, 11.6257



18.1456, 8.8894, 21.8584



0.7302, 0.3560, 0.9584

Previews

White Background



This preview shows how the XYZ color 25.2425, 21.5437, 52.1182 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 25.2425, 21.5437, 52.1182 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 25.2425, 21.5437, 52.1182

Background



This preview shows how black text looks on a background with the XYZ color 25.2425, 21.5437, 52.1182.



This preview shows how white text looks on a background with the XYZ color 25.2425, 21.5437,

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

25.2425, 21.5437, 52.1182

Protanopia

23.0184, 21.7777, 55.8136

Deuteranopia

22.1415, 21.6196, 51.1501



Tritanopia

20.2562, 21.5577, 27.5195

Trichromacy



Original Color

25.2425, 21.5437, 52.1182

Protanomaly

23.7433, 21.6168, 54.5508

Deuteranomaly

23.1840, 21.5778, 51.6582

Tritanomaly

21.8174, 21.4209, 35.3325

Monochromacy



Original Color

25.2425, 21.5437, 52.1182

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3343, 21.9345, 32.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2425, 21.5437, 52.1182 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(131, 118, 191)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 191)  
}
```

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(131, 118, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.2425, 21.5437, 52.1182 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(131, 118, 191) }
```


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

```
.border{ border-color:rgb(131, 118, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 118, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 118, 191);  
box-shadow:4px 4px 4px 4px rgb(131, 118,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2425, 21.5437, 52.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 191) }
```

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

```
.background{ background-color: rgb(131,  
118, 191) }
```

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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