

Converting Colors

XYZ(25.6346, 21.0358, 53.1613)

Have a look what the booklet for
XYZ(25.6346, 21.0358, 53.1613)
contains.

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Color

**XYZ(25.6346, 21.0358,
53.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	8772C1
RGB	135, 114, 193
RGB Percent	53%, 45%, 76%
CMY	0.4706, 0.5529, 0.2431
CMYK	0.30, 0.41, 0.00, 0.24
HSL	256°, 39%, 60%
HSV	256°, 41%, 76%
XYZ	25.6346, 21.0358, 53.1613
YIQ	129.2850, -12.8430, 29.0210

Conversions

Conversions Part 2

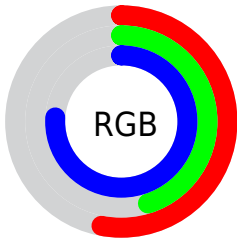
Format	Color
RYB	135, 114, 193
Decimal	8876737
CIELab	52.99, 25.68, -38.54
CIElCh	53, 46.313, 303.679
Yxy	21.0358, 0.2568, 0.2107
Android (android.graphics.Color)	4287066817 (0xFF8772C1)
YUV	129.2850, 31.4115, 5.0121
Hunter-Lab	45.8648, 19.5032, -36.6169

Details

The XYZ color **25.6346, 21.0358, 53.1613** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **39.1210, 48.1259, 23.1477**, and the grayscale version is **20.8633, 21.9498, 23.9033**.

A 20% lighter version of the original color is **52.1267, 45.1217, 96.4045**, and **10.0881, 7.5543, 25.3525** is the 20% darker color. If you saturate the color by 10%, you get **21.5529, 16.0341, 52.4114**, and if you desaturate by 10%, it is **30.4806, 27.1141, 54.0795**.

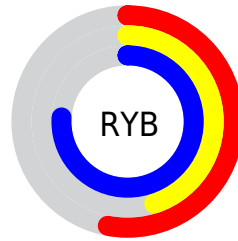
Distribution



Red (53%)

Green (45%)

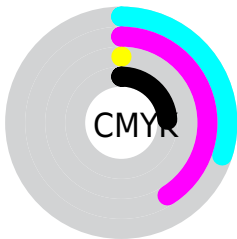
Blue (76%)



Red (53%)

Yellow (45%)

Blue (76%)

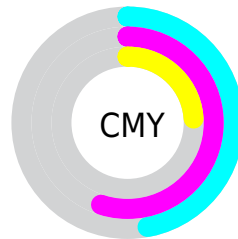


Cyan (30%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6346, 21.0358, 53.1613 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 25.6346, 21.0358, 53.1613 by changing the saturation by 10% instead.

■ 25.6346, 21.0358,
53.1613

■ 25.6346, 21.0358,
53.1613

273.2734,
257.4687, 415.9875

■ 16.6817, 13.1502,
37.5429

■ 52.1204, 45.1471,
96.2856

■ 10.1017, 7.5320,
25.3291

■ 70.3840, 62.1416,
124.6287

■ 5.5292, 3.7970,
16.1011

■ 92.4819, 82.9411,
158.0504

■ 2.5989, 1.5607,
9.4406

■ 118.7795,
107.9301, 196.9693

■ 0.9454, 0.3309,
4.9290

149.6421,
137.4930, 241.8039

■ 0.0000, 0.0000,
2.1476

185.4350,

■ 0.0000, 0.0000,

172.0141, 292.9728

0.6439

226.5237,
211.8779, 350.8945

■ 0.0000, 0.0000,
0.0000

■ 25.6346, 21.0358,
53.1613

■ 25.6346, 21.0358,
53.1613

■ 21.5529, 16.0341,
52.4114

■ 30.4806, 27.1141,
54.0795

■ 18.1922, 12.0422,
51.8180

■ 36.1263, 34.3256,
55.1739

■ 15.5080, 8.9894,
51.3702

■ 42.6079, 42.7256,
56.4536

■ 13.4496, 6.7946,
51.0551

■ 49.9583, 52.3653,
57.9269

■ 11.9584, 5.3621,
50.8572

■ 58.2088, 63.2927,
59.6012

■ 11.0063, 4.5620,
50.7529

■ 67.3890, 75.5531,
61.4839

■ 77.5273, 89.1900,
63.5817

■ 84.2246, 95.3925,
64.4259

■ 86.6257, 96.6303,
64.5383

Harmonies

Analogous

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



20.5993, 21.0358, 61.3217



25.6346, 21.0358, 53.1613



29.5905, 21.0358, 36.9334

Triad

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



25.6346, 21.0358, 53.1613



24.4288, 21.0358, 6.3193



12.0452, 21.0358, 24.6643

Complementary

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



25.6346, 21.0358, 53.1613



39.1210, 48.1259, 23.1477

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.



12.7351, 21.0358, 12.9716



25.6346, 21.0358, 53.1613



19.4005, 21.0358, 5.2357

Square

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



25.6346, 21.0358, 53.1613



28.8189, 21.0358, 11.0410



15.2480, 21.0358, 7.0751



13.1840, 21.0358, 41.1747

Rectangle

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



25.6346, 21.0358, 53.1613



30.7905, 21.0358, 25.9782



15.2480, 21.0358, 7.0751



12.0720, 21.0358, 20.0832

Sweetspot

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



25.6354, 21.0366, 53.1618



74.7677, 74.5110, 100.8017



31.5573, 37.4114, 56.0103



15.6997, 15.5421, 21.5578



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.



25.6354, 21.0366, 53.1618



39.3843, 29.6644, 94.0103



32.9325, 24.7984, 53.5033



9.7739, 9.8746, 12.6757



7.3861, 3.0681, 33.7595



0.3869, 0.1675, 1.4618

Inverse Universe

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



35.4566, 26.3514, 42.2478



59.6059, 40.6285, 70.5847



31.8996, 44.4032, 22.8098



10.3793, 10.2003, 12.0879



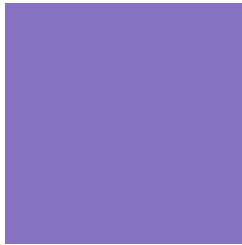
17.8943, 8.8475, 17.8870



0.8004, 0.3932, 0.9164

Previews

White Background



This preview shows how the XYZ color 25.6346, 21.0358, 53.1613 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 25.6346, 21.0358, 53.1613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

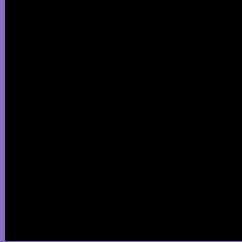
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6346, 21.0358, 53.1613

Background



This preview shows how black text looks on a background with the XYZ color 25.6346, 21.0358, 53.1613.



This preview shows how white text looks on a background with the XYZ color 25.6346, 21.0358,

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

25.6346, 21.0358, 53.1613

Protanopia

22.7981, 21.2210, 58.7716

Deuteranopia

21.6849, 21.1808, 51.6606



Tritanopia

20.2170, 20.9844, 26.2774

Trichromacy



Original Color

25.6346, 21.0358, 53.1613

Protanomaly

23.5808, 20.9360, 56.8310

Deuteranomaly

22.9190, 21.0602, 52.1473

Tritanomaly

21.9474, 20.9426, 34.7839

Monochromacy



Original Color

25.6346, 21.0358, 53.1613

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2352, 21.5076, 32.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6346, 21.0358, 53.1613 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(135, 114, 193)` looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 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(135, 114, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.6346, 21.0358, 53.1613 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(135, 114, 193) }
```


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

```
.border{ border-color:rgb(135, 114, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 114, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 114, 193);  
box-shadow:4px 4px 4px 4px rgb(135, 114,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6346, 21.0358, 53.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 193) }
```

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

```
.background{ background-color: rgb(135,  
114, 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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