

Converting Colors

XYZ(25.5060, 21.5534, 52.7260)

Have a look what the booklet for
XYZ(25.5060, 21.5534, 52.7260)
contains.

XYZ(25.3914, 21.4339, 52.6681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3914, 21.4339,
52.6681)**

Conversions

Conversions Part 1

Format	Color
Hex	8475C0
RGB	132, 117, 192
RGB Percent	52%, 46%, 75%
CMY	0.4823, 0.5412, 0.2471
CMYK	0.31, 0.39, 0.00, 0.25
HSL	252°, 37%, 61%
HSV	252°, 39%, 75%
XYZ	25.3914, 21.4339, 52.6681
YIQ	130.0350, -15.1350, 26.5050

Conversions

Conversions Part 2

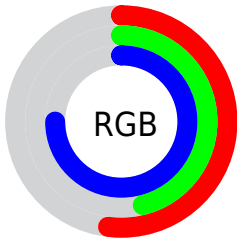
Format	Color
RYB	132, 117, 192
Decimal	8680896
CIELab	53.42, 22.79, -37.31
CIElCh	53, 43.718, 301.424
Yxy	21.4339, 0.2552, 0.2154
Android (android.graphics.Color)	4286870976 (0xFF8475C0)
YUV	130.0350, 30.5487, 1.7233
Hunter-Lab	46.2968, 16.8788, -35.0417

Details

The XYZ color **25.3914, 21.4339, 52.6681** is a light color, and the websafe version is hex **666699**. A complement of this color would be **40.1926, 48.3313, 24.0409**, and the grayscale version is **21.1304, 22.2308, 24.2093**.

A 20% lighter version of the original color is **51.7804, 45.7803, 95.7299**, and **10.0238, 7.7967, 25.0214** is the 20% darker color. If you saturate the color by 10%, you get **21.1519, 16.2614, 51.8935**, and if you desaturate by 10%, it is **30.4450, 27.7079, 53.6131**.

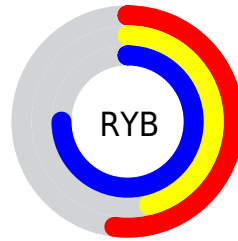
Distribution



Red (52%)

Green (46%)

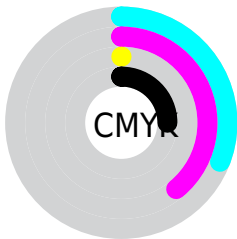
Blue (75%)



Red (52%)

Yellow (46%)

Blue (75%)

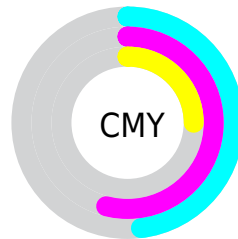


Cyan (31%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (54%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3914, 21.4339, 52.6681 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 25.3914, 21.4339, 52.6681 by changing the saturation by 10% instead.

■ 25.3914, 21.4339,
52.6681

■ 25.3914, 21.4339,
52.6681

272.0934,
259.5755, 414.0406

■ 16.4992, 13.4415,
37.1520

■ 51.7298, 45.8086,
95.5524

■ 9.9712, 7.7333,
25.0285

■ 69.9067, 62.9596,
123.7576

■ 5.4420, 3.9248,
15.8791

■ 91.9092, 83.9324,
157.0297

■ 2.5462, 1.6316,
9.2852

118.1027,
109.1113, 195.7870

■ 0.9186, 0.3787,
4.8283

148.8525,
138.8806, 240.4483

■ 0.0000, 0.0000,
2.0899

184.5240,

■ 0.0000, 0.0000,

173.6249, 291.4319

0.6098

225.4825,
213.7284, 349.1565

■ 0.0000, 0.0000,
0.0000

■ 25.3914, 21.4339,
52.6681

■ 25.3914, 21.4339,
52.6681

■ 21.1519, 16.2614,
51.8935

■ 30.4450, 27.7079,
53.6131

■ 17.6804, 12.1236,
51.2778

■ 36.3505, 35.1401,
54.7364

■ 14.9298, 8.9500,
50.8102

■ 43.1463, 43.7861,
56.0471

■ 12.8467, 6.6602,
50.4780

■ 50.8678, 53.6974,
57.5532

■ 11.3694, 5.1602,
50.2664

■ 59.5482, 64.9224,
59.2623

■ 10.4030, 4.2929,
50.1499

■ 69.2192, 77.5067,
61.1817

■ 10.3287, 4.2255,
50.1408

■ 79.9111, 91.4942,
63.3180

■ 86.4714, 96.5636,
63.9507

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



20.5950, 21.4339, 59.3738



25.3914, 21.4339, 52.6681



29.2630, 21.4339, 37.8313

Triad

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



25.3914, 21.4339, 52.6681



24.9487, 21.4339, 7.3135



12.6861, 21.4339, 23.9793

Complementary

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



25.3914, 21.4339, 52.6681



40.1926, 48.3313, 24.0409

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.



13.4938, 21.4339, 13.1185



25.3914, 21.4339, 52.6681



20.1511, 21.4339, 5.9716

Square

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



25.3914, 21.4339, 52.6681



28.9813, 21.4339, 12.3828



16.0624, 21.4339, 7.6107



13.6631, 21.4339, 39.3711

Rectangle

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



25.3914, 21.4339, 52.6681



30.5387, 21.4339, 27.3626



16.0624, 21.4339, 7.6107



12.7570, 21.4339, 19.7285

Sweetspot

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



25.3922, 21.4347, 52.6686



74.1454, 74.1902, 100.7725



32.8214, 39.5287, 55.7695



15.5539, 15.4670, 21.5509



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.



25.3922, 21.4347, 52.6686



39.2499, 30.5816, 94.1944



32.0781, 24.8814, 52.9815



9.7123, 9.8428, 12.6728



7.0019, 2.8700, 33.7415



0.3596, 0.1534, 1.4605

Inverse Universe

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



36.0359, 27.1041, 44.9279



61.4843, 42.4430, 77.1982



33.0032, 44.6250, 23.7045



10.4082, 10.2119, 12.2399



18.5581, 9.1130, 21.3829



0.8243, 0.4027, 1.0423

Previews

White Background



This preview shows how the XYZ color 25.3914, 21.4339, 52.6681 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 25.3914, 21.4339, 52.6681 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 25.3914, 21.4339, 52.6681

Background



This preview shows how black text looks on a background with the XYZ color 25.3914, 21.4339, 52.6681.



This preview shows how white text looks on a background with the XYZ color 25.3914, 21.4339,

52.6681.

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

25.3914, 21.4339, 52.6681

Protanopia

22.8979, 21.5001, 56.9759

Deuteranopia

22.1392, 21.6058, 51.7187



Tritanopia

20.1918, 21.3383, 27.0992

Trichromacy



Original Color

25.3914, 21.4339, 52.6681

Protanomaly

23.6054, 21.3493, 55.1012

Deuteranomaly

23.1690, 21.3723, 52.1943

Tritanomaly

21.8367, 21.2439, 35.2973

Monochromacy



Original Color

25.3914, 21.4339, 52.6681

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4435, 21.7924, 33.1605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3914, 21.4339, 52.6681 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, 117, 192)` looks like.

```
.text, #text, p{  
    color:rgb(132, 117, 192)  
}
```

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, 117, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 117, 192) }
```

Border

The CSS property to change the border of an element to XYZ 25.3914, 21.4339, 52.6681 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, 117, 192) }
```


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

```
.border{ border-color:rgb(132, 117, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 117, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 117, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 117, 192);  
box-shadow:4px 4px 4px 4px rgb(132, 117,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3914, 21.4339, 52.6681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 117, 192) }
```

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

```
.background{ background-color: rgb(132,  
117, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor