

Converting Colors

XYZ(25.4502, 21.8516, 38.5027)

Have a look what the booklet for
XYZ(25.4502, 21.8516, 38.5027)
contains.

XYZ(25.3656, 21.7351, 38.4557)	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(25.3656, 21.7351,
38.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	9475A5
RGB	148, 117, 165
RGB Percent	58%, 46%, 65%
CMY	0.4196, 0.5412, 0.3529
CMYK	0.10, 0.29, 0.00, 0.35
HSL	279°, 21%, 55%
HSV	279°, 29%, 65%
XYZ	25.3656, 21.7351, 38.4557
YIQ	131.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

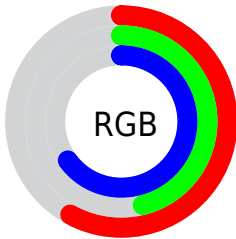
Format	Color
R_{YB}	148, 117, 165
Decimal	9729445
CIE _{Lab}	53.74, 21.29, -21.12
CIE _{LCh}	54, 29.990, 315.225
Yxy	21.7351, 0.2965, 0.2540
Android (android.graphics.Color)	4287919525 (0xFF9475A5)
YUV	131.7410, 16.3967, 14.2591
Hunter-Lab	46.6209, 15.5320, -16.2713

Details

The XYZ color **25.3656, 21.7351, 38.4557** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.4982, 33.2635, 21.8545**, and the grayscale version is **21.7816, 22.9160, 24.9555**.

A 20% lighter version of the original color is **51.7348, 46.2398, 73.9086**, and **9.9775, 7.8679, 16.6156** is the 20% darker color. If you saturate the color by 10%, you get **22.5796, 17.6926, 37.8226**, and if you desaturate by 10%, it is **28.5452, 26.4847, 39.2052**.

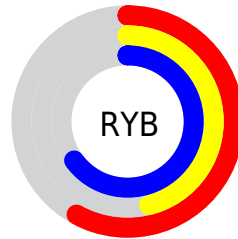
Distribution



Red (58%)

Green (46%)

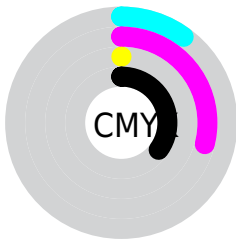
Blue (65%)



Red (58%)

Yellow (46%)

Blue (65%)

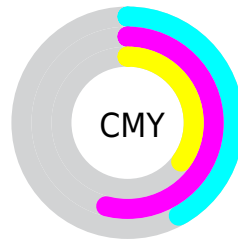


Cyan (10%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3656, 21.7351, 38.4557 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 25.3656, 21.7351, 38.4557 by changing the saturation by 10% instead.

■ 25.3656, 21.7351,
38.4557

■ 25.3656, 21.7351,
38.4557

271.9680,
261.1598, 354.9274

■ 16.4798, 13.6624,
26.0320

■ 51.6883, 46.3078,
74.0172

■ 9.9573, 7.8862,
16.6216

■ 69.8560, 63.5765,
97.9921

■ 5.4327, 4.0222,
9.8060

■ 91.8484, 84.6794,
126.6545

■ 2.5407, 1.6860,
5.1666

118.0308,
110.0009, 160.4229

■ 0.9158, 0.4146,
2.2849

148.7686,
139.9252, 199.7158

■ 0.0000, 0.0000,
0.7227

184.4272,

■ 0.0000, 0.0000,

174.8369, 244.9519

0.0000

225.3718,
215.1203, 296.5495

■ 25.3656, 21.7351,
38.4557

■ 25.3656, 21.7351,
38.4557

■ 22.5796, 17.6926,
37.8226

■ 28.5452, 26.4847,
39.2052

■ 20.1666, 14.3183,
37.2985

■ 32.1336, 31.9720,
40.0752

■ 18.1070, 11.5741,
36.8773

■ 36.1477, 38.2291,
41.0714

■ 16.3786, 9.4165,
36.5520

■ 40.6026, 45.2853,
42.1986

■ 14.9561, 7.7962,
36.3142

■ 45.5128, 53.1686,
43.4614

■ 13.8102, 6.6560,
36.1545

■ 50.8921, 61.9054,
44.8643

■ 12.8828, 5.8810,
36.0538

■ 56.7536, 71.5209,
46.4113

■ 12.8026, 5.8154,
36.0454

■ 63.1100, 82.0394,
48.1066

■ 66.5304, 86.5982,
48.8063

Harmonies

Analogous

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



22.3251, 21.7351, 45.1919



25.3656, 21.7351, 38.4557



27.2319, 21.7351, 28.4746

Triad

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



25.3656, 21.7351, 38.4557



22.2757, 21.7351, 10.3417



15.2488, 21.7351, 28.6270

Complementary

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



25.3656, 21.7351, 38.4557



26.4982, 33.2635, 21.8545

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.



15.2385, 21.7351, 19.4314



25.3656, 21.7351, 38.4557



19.0771, 21.7351, 10.3624

Square

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



25.3656, 21.7351, 38.4557



25.3262, 21.7351, 13.1903



16.5731, 21.7351, 13.2571



16.6028, 21.7351, 38.5919

Rectangle

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



25.3656, 21.7351, 38.4557



27.4473, 21.7351, 22.0896



16.5731, 21.7351, 13.2571



15.0931, 21.7351, 25.3153

Sweetspot

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



25.3663, 21.7360, 38.4562



57.4971, 57.1796, 71.7587



22.7367, 23.7159, 38.9769



12.3653, 12.1849, 15.6377



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.3663, 21.7360, 38.4562



42.0816, 34.0439, 68.1055



28.1023, 23.2121, 35.6189



7.1197, 7.0761, 8.8936



9.7409, 4.4281, 27.2711



0.2531, 0.1180, 0.5753

Inverse Universe

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



26.1821, 22.4440, 25.5073



43.9189, 35.6033, 40.5289



24.3922, 32.1328, 23.7880



7.1726, 7.1255, 7.8951



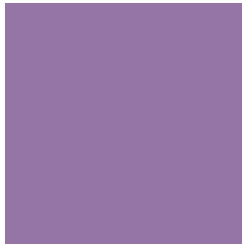
12.3470, 6.2948, 3.7518



0.2813, 0.1410, 0.1939

Previews

White Background



This preview shows how the XYZ color 25.3656, 21.7351, 38.4557 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 25.3656, 21.7351, 38.4557 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 25.3656, 21.7351, 38.4557

Background



This preview shows how black text looks on a background with the XYZ color 25.3656, 21.7351, 38.4557.



This preview shows how white text looks on a background with the XYZ color 25.3656, 21.7351,

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

25.3656, 21.7351, 38.4557

Protanopia

22.2382, 21.8703, 42.0790

Deuteranopia

22.2401, 21.7770, 37.6815



Tritanopia

22.6443, 21.6990, 25.1851

Trichromacy



Original Color

25.3656, 21.7351, 38.4557

Protanomaly

23.1465, 21.6197, 40.4892

Deuteranomaly

23.2995, 21.7518, 38.0925

Tritanomaly

23.6253, 21.7388, 29.7389

Monochromacy



Original Color

25.3656, 21.7351, 38.4557

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1046, 22.5956, 29.5292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3656, 21.7351, 38.4557 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(148, 117, 165)` looks like.

```
.text, #text, p{  
    color:rgb(148, 117, 165)  
}
```

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(148, 117, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 117, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.3656, 21.7351, 38.4557 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(148, 117, 165) }
```


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

```
.border{ border-color:rgb(148, 117, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 117, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 117, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 117, 165);  
box-shadow:4px 4px 4px 4px rgb(148, 117,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3656, 21.7351, 38.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 117, 165) }
```

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

```
.background{ background-color: rgb(148,  
117, 165) }
```

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