

Converting Colors

XYZ(25.9947, 22.0135, 56.3057)

Have a look what the booklet for
XYZ(25.9947, 22.0135, 56.3057)
contains.

XYZ(25.9958, 22.0167, 56.3056)	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(25.9958, 22.0167,
56.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	8277C6
RGB	130, 119, 198
RGB Percent	51%, 47%, 78%
CMY	0.4902, 0.5333, 0.2235
CMYK	0.34, 0.40, 0.00, 0.22
HSL	248°, 41%, 62%
HSV	248°, 40%, 78%
XYZ	25.9958, 22.0167, 56.3056
YIQ	131.2950, -18.8030, 26.9010

Conversions

Conversions Part 2

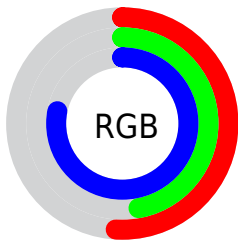
Format	Color
R _Y B	130, 119, 198
Decimal	8550342
CIE Lab	54.04, 22.64, -39.76
CIE LCh	54, 45.758, 299.656
Yxy	22.0167, 0.2492, 0.2111
Android (android.graphics.Color)	4286740422 (0xFF8277C6)
YUV	131.2950, 32.8856, -1.1357
Hunter-Lab	46.9220, 16.7795, -38.3017

Details

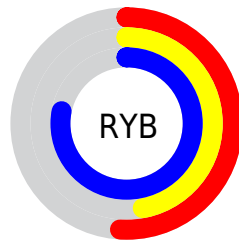
The XYZ color **25.9958, 22.0167, 56.3056** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **44.0176, 52.2852, 25.2256**, and the grayscale version is **21.5704, 22.6937, 24.7135**.

A 20% lighter version of the original color is **52.6205, 46.6601, 100.8406**, and **10.3478, 8.0979, 27.4032** is the 20% darker color. If you saturate the color by 10%, you get **21.4791, 16.5474, 55.4884**, and if you desaturate by 10%, it is **31.4380, 28.6926, 57.3077**.

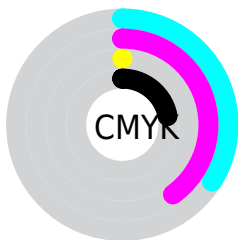
Distribution



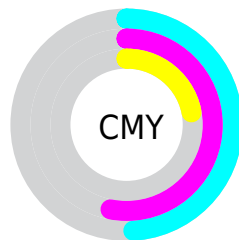
- Red (51%)
- Green (47%)
- Blue (78%)



- Red (51%)
- Yellow (47%)
- Blue (78%)



- Cyan (34%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9958, 22.0167, 56.3056 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 25.9958, 22.0167, 56.3056 by changing the saturation by 10% instead.

■ 25.9958, 22.0167,
56.3056

■ 25.9958, 22.0167,
56.3056

275.0185,
262.6335, 428.2628

■ 16.9532, 13.8692,
40.0424

■ 52.6995, 46.7736,
100.9415

■ 10.2962, 8.0297,
27.2575

■ 71.0913, 64.1518,
130.1512

■ 5.6596, 4.1140,
17.5326

■ 93.3302, 85.3756,
164.5136

■ 2.6779, 1.7375,
10.4490

119.7815,
110.8295, 204.4470

■ 0.9858, 0.4478,
5.5882

150.8107,
140.8978, 250.3701

■ 0.0000, 0.0000,
2.5316

186.7830,

■ 0.0000, 0.0000,

175.9650, 302.7014

0.8568

228.0638,
216.4154, 361.8595

■ 0.0000, 0.0000,
0.0000

■ 25.9958, 22.0167,
56.3056

■ 25.9958, 22.0167,
56.3056

■ 21.4791, 16.5474,
55.4884

■ 31.4380, 28.6926,
57.3077

■ 17.8334, 12.2097,
54.8433

■ 37.8512, 36.6390,
58.5035

■ 15.0022, 8.9243,
54.3583

■ 45.2807, 45.9181,
59.9030

■ 12.9213, 6.6002,
54.0194

■ 53.7683, 56.5876,
61.5151

■ 11.5162, 5.1307,
53.8098

■ 63.3534, 68.7014,
63.3481

■ 10.6673, 4.3249,
53.6991

■ 74.0735, 82.3109,
65.4100

■ 10.6604, 4.3181,
53.6981

■ 85.1281, 95.7927,
67.4296

■ 87.1931, 96.8572,
67.5262

Harmonies

Analogous

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



20.8691, 22.0167, 62.8498



25.9958, 22.0167, 56.3056



30.2583, 22.0167, 40.5421

Triad

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



25.9958, 22.0167, 56.3056



26.1105, 22.0167, 7.3076



12.7808, 22.0167, 23.8090

Complementary

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



25.9958, 22.0167, 56.3056



44.0176, 52.2852, 25.2256

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.



13.7422, 22.0167, 12.6731



25.9958, 22.0167, 56.3056



20.9835, 22.0167, 5.7440

Square

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



25.9958, 22.0167, 56.3056



30.3315, 22.0167, 12.8595



16.5627, 22.0167, 7.2336



13.6990, 22.0167, 40.1406

Rectangle

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



25.9958, 22.0167, 56.3056



31.7512, 22.0167, 29.2060



16.5627, 22.0167, 7.2336



12.8923, 22.0167, 19.4047

Sweetspot

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



25.9966, 22.0175, 56.3061



77.0184, 77.3489, 105.4783



35.6709, 43.7387, 59.9888



16.1011, 16.0755, 22.5042



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.9966, 22.0175, 56.3061



38.8952, 30.3361, 98.4132



33.1598, 25.7103, 56.6414



10.1918, 10.3571, 13.3795



6.9759, 2.8305, 34.9230



0.3761, 0.1576, 1.6557

Inverse Universe

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



38.8556, 28.7879, 50.5224



64.9989, 44.0962, 85.9402



35.7312, 48.0134, 24.8378



11.0171, 10.7902, 13.0735



19.9139, 9.7151, 25.8202



0.9609, 0.4672, 1.3172

Previews

White Background



This preview shows how the XYZ color 25.9958, 22.0167, 56.3056 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 25.9958, 22.0167, 56.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

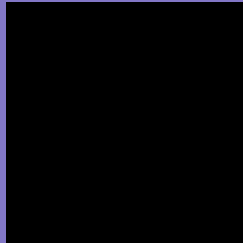
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9958, 22.0167, 56.3056

Background



This preview shows how black text looks on a background with the XYZ color 25.9958, 22.0167, 56.3056.



This preview shows how white text looks on a background with the XYZ color 25.9958, 22.0167,

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

25.9958, 22.0167, 56.3056

Protanopia

23.8643, 22.2958, 60.8033

Deuteranopia

22.7438, 22.2274, 55.3161



Tritanopia

20.3952, 22.0072, 28.3722

Trichromacy



Original Color

25.9958, 22.0167, 56.3056

Protanomaly

24.4239, 22.0591, 58.8477

Deuteranomaly

23.7183, 21.9497, 55.8099

Tritanomaly

22.1370, 21.9250, 37.2476

Monochromacy



Original Color

25.9958, 22.0167, 56.3056

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8658, 22.3706, 34.1231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9958, 22.0167, 56.3056 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(130, 119, 198)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 198)  
}
```

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(130, 119, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.9958, 22.0167, 56.3056 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(130, 119, 198) }
```


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

```
.border{ border-color:rgb(130, 119, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 198);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9958, 22.0167, 56.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 198) }
```

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

```
.background{ background-color: rgb(130,  
119, 198) }
```

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