

Converting Colors

XYZ(25.6792, 25.6306, 49.3347)

Have a look what the booklet for
XYZ(25.6792, 25.6306, 49.3347)
contains.

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Color

**XYZ(25.7306, 25.7447,
49.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	798AB9
RGB	121, 138, 185
RGB Percent	47%, 54%, 73%
CMY	0.5255, 0.4588, 0.2745
CMYK	0.35, 0.25, 0.00, 0.27
HSL	224°, 31%, 60%
HSV	224°, 35%, 73%
XYZ	25.7306, 25.7447, 49.5120
YIQ	138.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

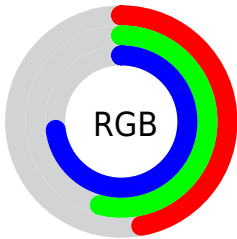
Format	Color
R_{YB}	121, 134, 185
Decimal	7965369
CIE Lab	57.79, 5.37, -26.57
CIE LCh	58, 27.104, 281.434
Yxy	25.7447, 0.2548, 0.2549
Android (android.graphics.Color)	4286155449 (0xFF798AB9)
YUV	138.2750, 23.0354, -15.1502
Hunter-Lab	50.7392, 1.7263, -22.3385

Details

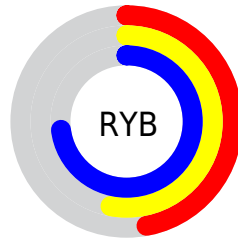
The XYZ color **25.7306, 25.7447, 49.5120** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **37.4620, 39.7006, 23.7786**, and the grayscale version is **24.1848, 25.4443, 27.7089**.

A 20% lighter version of the original color is **52.1872, 52.7264, 90.6457**, and **10.1804, 9.9475, 23.2133** is the 20% darker color. If you saturate the color by 10%, you get **21.5537, 20.8771, 48.7931**, and if you desaturate by 10%, it is **30.6503, 31.3583, 50.3367**.

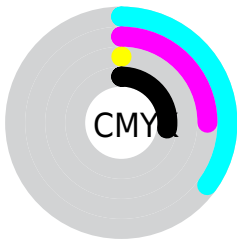
Distribution



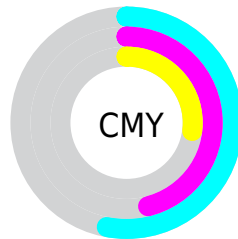
- Red (47%)
- Green (54%)
- Blue (73%)



- Red (47%)
- Yellow (53%)
- Blue (73%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7306, 25.7447, 49.5120 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 25.7306, 25.7447, 49.5120 by changing the saturation by 10% instead.

■ 25.7306, 25.7447,
49.5120

■ 25.7306, 25.7447,
49.5120

273.7381,
281.5266, 401.4347

■ 16.7538, 16.6327,
34.6573

■ 52.2744, 52.8628,
90.8403

■ 10.1533, 9.9730,
23.1176

■ 70.5722, 71.6377,
118.1509

■ 5.5638, 5.3811,
14.4743

■ 92.7077, 94.4024,
150.4507

■ 2.6198, 2.4725,
8.3087

119.0462,
121.5413, 188.1581

■ 0.9561, 0.8628,
4.2025

149.9532,
153.4388, 231.6917

■ 0.0000, 0.0000,
1.7371

185.7939,

■ 0.0000, 0.0000,

190.4792, 281.4699

0.3860

226.9338,
233.0470, 337.9114

■ 0.0000, 0.0000,
0.0000

■ 25.7306, 25.7447,
49.5120

■ 25.7306, 25.7447,
49.5120

■ 21.5537, 20.8771,
48.7931

■ 30.6503, 31.3583,
50.3367

■ 18.0794, 16.7198,
48.1737

■ 36.3448, 37.7455,
51.2694

■ 15.2678, 13.2386,
47.6500

■ 42.8476, 44.9359,
52.3146

■ 13.0734, 10.3951,
47.2168

■ 50.1893, 52.9569,
53.4758

■ 11.4445, 8.1463,
46.8686

■ 58.3988, 61.8343,
54.7566

■ 10.3202, 6.4432,
46.5991

■ 67.5037, 71.5930,
56.1604

■ 9.8613, 5.7113,
46.4820

■ 77.5304, 82.2566,
57.6902

■ 83.1630, 91.0948,
59.0993

■ 85.7570, 96.2828,
59.9639

Harmonies

Analogous

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



22.5314, 25.7447, 48.6739



25.7306, 25.7447, 49.5120



28.8467, 25.7447, 43.7218

Triad

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



25.7306, 25.7447, 49.5120



29.4652, 25.7447, 17.7694



19.0060, 25.7447, 22.7057

Complementary

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



25.7306, 25.7447, 49.5120



37.4620, 39.7006, 23.7786

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.



20.5592, 25.7447, 16.6316



25.7306, 25.7447, 49.5120



26.5158, 25.7447, 14.2480

Square

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



25.7306, 25.7447, 49.5120



31.1270, 25.7447, 24.6283



23.2504, 25.7447, 13.8838



18.8363, 25.7447, 31.7349

Rectangle

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



25.7306, 25.7447, 49.5120



30.3847, 25.7447, 37.5001



23.2504, 25.7447, 13.8838



19.3767, 25.7447, 20.3083

Sweetspot

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



25.7315, 25.7457, 49.5126



70.0699, 73.1255, 92.6262



32.2965, 41.5881, 43.3390



14.7613, 15.3830, 19.9128



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.7315, 25.7457, 49.5126



39.9295, 38.9528, 87.6187



25.7377, 22.4071, 48.8679



8.7100, 9.0972, 11.3763



6.7667, 3.9931, 31.6672



0.2911, 0.2458, 1.1339

Inverse Universe

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



31.4331, 25.8249, 27.3738



51.9315, 39.6902, 40.8888



37.3928, 44.6324, 24.7342



9.1000, 9.0504, 9.8738



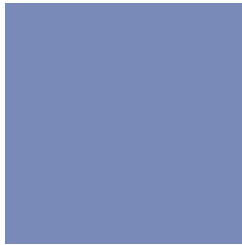
14.0292, 7.1854, 2.7746



0.5211, 0.2639, 0.2374

Previews

White Background



This preview shows how the XYZ color 25.7306, 25.7447, 49.5120 looks on a white background.

Color Contrast Check

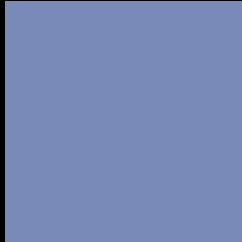
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7306, 25.7447, 49.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

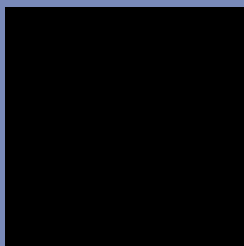
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

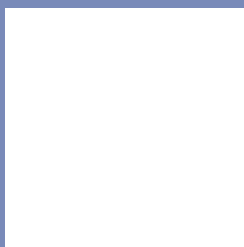
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7306, 25.7447, 49.5120

Background



This preview shows how black text looks on a background with the XYZ color 25.7306, 25.7447, 49.5120.



This preview shows how white text looks on a background with the XYZ color 25.7306, 25.7447,

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

25.7306, 25.7447, 49.5120

Protanopia

26.0548, 25.7120, 48.9371

Deuteranopia

26.3068, 25.8297, 49.4981



Tritanopia

22.8291, 25.8905, 34.8045

Trichromacy



Original Color

25.7306, 25.7447, 49.5120

Protanomaly

25.9096, 25.6371, 48.9303

Deuteranomaly

26.0148, 25.6792, 49.4844

Tritanomaly

23.8921, 25.8811, 39.8127

Monochromacy



Original Color

25.7306, 25.7447, 49.5120

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5206, 25.4490, 34.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7306, 25.7447, 49.5120 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(121, 138, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 138, 185)  
}
```

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(121, 138, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 138, 185) }
```

Border

The CSS property to change the border of an element to XYZ 25.7306, 25.7447, 49.5120 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(121, 138, 185) }
```


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

```
.border{ border-color:rgb(121, 138, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 138, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 138, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 138, 185);  
box-shadow:4px 4px 4px 4px rgb(121, 138,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7306, 25.7447, 49.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 138, 185) }
```

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

```
.background{ background-color: rgb(121,  
138, 185) }
```

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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