

Converting Colors

XYZ(25.6606, 25.0544, 50.4977)

Have a look what the booklet for
XYZ(25.6606, 25.0544, 50.4977)
contains.

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Color

**XYZ(25.6597, 25.0534,
50.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	7A87BB
RGB	122, 135, 187
RGB Percent	48%, 53%, 73%
CMY	0.5216, 0.4706, 0.2667
CMYK	0.35, 0.28, 0.00, 0.27
HSL	228°, 32%, 61%
HSV	228°, 35%, 73%
XYZ	25.6597, 25.0534, 50.4971
YIQ	137.0410, -24.4400, 13.4160

Conversions

Conversions Part 2

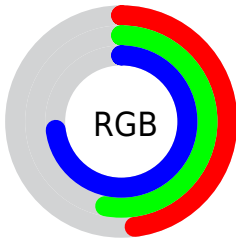
Format	Color
R_{YB}	122, 133, 187
Decimal	8030139
CIE Lab	57.13, 7.95, -28.73
CIE LCh	57, 29.807, 285.465
Yxy	25.0534, 0.2535, 0.2475
Android (android.graphics.Color)	4286220219 (0xFF7A87BB)
YUV	137.0410, 24.6298, -13.1910
Hunter-Lab	50.0534, 3.9141, -24.7783

Details

The XYZ color **25.6597, 25.0534, 50.4971** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.1431, 42.2428, 24.5040**, and the grayscale version is **23.7106, 24.9454, 27.1655**.

A 20% lighter version of the original color is **52.0654, 51.6676, 92.0227**, and **10.1567, 9.6789, 23.8872** is the 20% darker color. If you saturate the color by 10%, you get **21.3197, 19.9326, 49.7379**, and if you desaturate by 10%, it is **30.8042, 31.0254, 51.3791**.

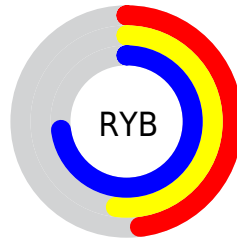
Distribution



Red (48%)

Green (53%)

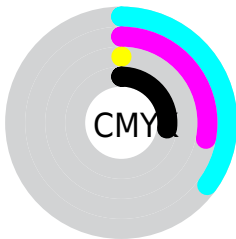
Blue (73%)



Red (48%)

Yellow (52%)

Blue (73%)

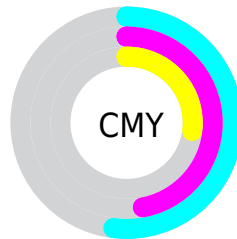


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (47%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6597, 25.0534, 50.4971 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 25.6597, 25.0534, 50.4971 by changing the saturation by 10% instead.

■ 25.6597, 25.0534,
50.4971

■ 25.6597, 25.0534,
50.4971

273.3950,
278.1038, 405.3974

■ 16.7006, 16.1168,
35.4346

■ 52.1607, 51.7438,
92.3148

■ 10.1152, 9.6069,
23.7116

■ 70.4332, 70.2665,
119.9072

■ 5.5383, 5.1391,
14.9096

■ 92.5410, 92.7534,
152.5132

■ 2.6044, 2.3291,
8.6101

118.8493,
119.5887, 190.5514

■ 0.9482, 0.7890,
4.3944

149.7235,
151.1571, 234.4404

■ 0.0000, 0.0000,
1.8441

185.5289,

■ 0.0000, 0.0000,

187.8428, 284.5987

0.4568

226.6310,
230.0302, 341.4448

■ 0.0000, 0.0000,
0.0000

■ 25.6597, 25.0534,
50.4971

■ 25.6597, 25.0534,
50.4971

■ 21.3197, 19.9326,
49.7379

■ 30.8042, 31.0254,
51.3791

■ 17.7401, 15.6206,
49.0942

■ 36.7891, 37.8825,
52.3872

■ 14.8764, 12.0757,
48.5609

■ 43.6512, 45.6604,
53.5268

■ 12.6785, 9.2512,
48.1316

■ 51.4242, 54.3916,
54.8025

■ 11.0889, 7.0948,
47.7992

■ 60.1402, 64.1074,
56.2184

■ 10.0401, 5.5464,
47.5556

■ 69.8296, 74.8373,
57.7788

■ 9.6438, 4.9360,
47.4586

■ 80.5214, 86.6099,
59.4876

■ 85.8688, 96.1661,
61.0503

■ 85.9697, 96.3679,
61.0839

Harmonies

Analogous

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



22.1570, 25.0534, 50.6198



25.6597, 25.0534, 50.4971



28.9599, 25.0534, 43.2221

Triad

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



25.6597, 25.0534, 50.4971



28.8716, 25.0534, 15.6812



17.8535, 25.0534, 22.7058

Complementary

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



25.6597, 25.0534, 50.4971



39.1431, 42.2428, 24.5040

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.



19.3143, 25.0534, 15.8353



25.6597, 25.0534, 50.4971



25.5485, 25.0534, 12.5097

Square

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



25.6597, 25.0534, 50.4971



30.9349, 25.0534, 22.4382



22.0562, 25.0534, 12.5582



17.8770, 25.0534, 32.7700

Rectangle

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



25.6597, 25.0534, 50.4971



30.5019, 25.0534, 36.1272



22.0562, 25.0534, 12.5582



18.1805, 25.0534, 20.0079

Sweetspot

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



25.6606, 25.0544, 50.4977



71.3385, 74.0410, 94.7328



33.4371, 42.7348, 46.5314



15.3333, 15.8777, 20.7991



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.6606, 25.0544, 50.4977



39.6844, 37.4839, 89.3449



26.9998, 23.2146, 50.0720



9.1669, 9.5261, 12.0278



6.6865, 3.4847, 32.7131



0.3085, 0.2297, 1.2969

Inverse Universe

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



31.8270, 26.2341, 26.3088



52.5760, 40.3937, 38.6763



37.3261, 45.2164, 25.1737



9.6061, 9.5667, 10.3147



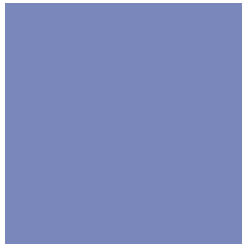
14.3758, 7.3815, 2.0066



0.5866, 0.2985, 0.2024

Previews

White Background



This preview shows how the XYZ color 25.6597, 25.0534, 50.4971 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 25.6597, 25.0534, 50.4971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

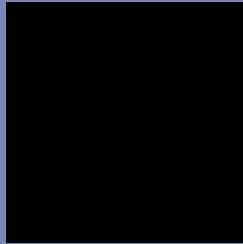
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6597, 25.0534, 50.4971

Background



This preview shows how black text looks on a background with the XYZ color 25.6597, 25.0534, 50.4971.



This preview shows how white text looks on a background with the XYZ color 25.6597, 25.0534,

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

25.6597, 25.0534, 50.4971

Protanopia

25.6597, 25.0534, 50.4971

Deuteranopia

25.6597, 25.0534, 50.4971



Tritanopia

22.2141, 24.9271, 33.7776

Trichromacy



Original Color

25.6597, 25.0534, 50.4971

Protanomaly

25.6597, 25.0534, 50.4971

Deuteranomaly

25.6597, 25.0534, 50.4971

Tritanomaly

23.3603, 24.9638, 39.1846

Monochromacy



Original Color

25.6597, 25.0534, 50.4971

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2363, 24.8804, 34.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6597, 25.0534, 50.4971 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(122, 135, 187)` looks like.

```
.text, #text, p{  
    color:rgb(122, 135, 187)  
}
```

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(122, 135, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 135, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.6597, 25.0534, 50.4971 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(122, 135, 187) }
```


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

```
.border{ border-color:rgb(122, 135, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 135, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 135, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 135, 187);  
box-shadow:4px 4px 4px 4px rgb(122, 135,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6597, 25.0534, 50.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 135, 187) }
```

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

```
.background{ background-color: rgb(122,  
135, 187) }
```

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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