

Converting Colors

XYZ(24.3557, 21.5044, 56.4348)

Have a look what the booklet for
XYZ(24.3557, 21.5044, 56.4348)
contains.

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Color

**XYZ(24.3665, 21.5339,
56.2983)**

Conversions

Conversions Part 1

Format	Color
Hex	7579C6
RGB	117, 121, 198
RGB Percent	46%, 47%, 78%
CMY	0.5412, 0.5255, 0.2235
CMYK	0.41, 0.39, 0.00, 0.22
HSL	237°, 42%, 62%
HSV	237°, 41%, 78%
XYZ	24.3665, 21.5339, 56.2983
YIQ	128.5820, -27.1010, 23.0990

Conversions

Conversions Part 2

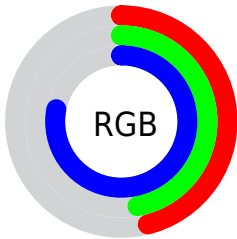
Format	Color
R_{YB}	117, 121, 198
Decimal	7698886
CIE _{Lab}	53.53, 17.94, -40.65
CIE _{LCh}	54, 44.429, 293.810
Yxy	21.5339, 0.2384, 0.2107
Android (android.graphics.Color)	4285888966 (0xFF7579C6)
YUV	128.5820, 34.2231, -10.1574
Hunter-Lab	46.4046, 12.5200, -39.4476

Details

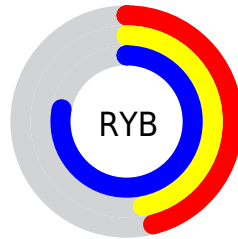
The XYZ color **24.3665, 21.5339, 56.2983** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **45.7921, 51.8745, 24.4298**, and the grayscale version is **20.6121, 21.6855, 23.6156**.

A 20% lighter version of the original color is **50.0068, 45.8778, 100.8274**, and **9.4665, 7.8355, 27.3990** is the 20% darker color. If you saturate the color by 10%, you get **19.9136, 16.1679, 55.4977**, and if you desaturate by 10%, it is **29.8299, 28.0840, 57.2751**.

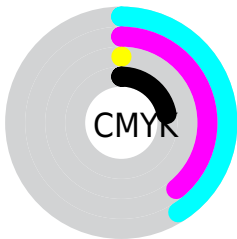
Distribution



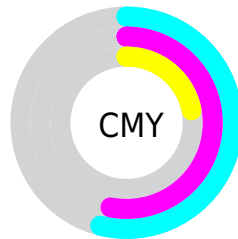
- Red (46%)
- Green (47%)
- Blue (78%)



- Red (46%)
- Yellow (47%)
- Blue (78%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3665, 21.5339, 56.2983 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 24.3665, 21.5339, 56.2983 by changing the saturation by 10% instead.

■ 24.3665, 21.5339,
56.2983

■ 24.3665, 21.5339,
56.2983

267.0744,
260.1024, 428.2346

■ 15.7319, 13.5148,
40.0365

■ 50.0780, 45.9744,
100.9307

■ 9.4243, 7.7840,
27.2530

■ 67.8855, 63.1646,
130.1385

■ 5.0783, 3.9570,
17.5292

■ 89.4815, 84.1807,
164.4986

■ 2.3285, 1.6496,
10.4466

115.2312,
109.4070, 204.4298

■ 0.8092, 0.3907,
5.5866

145.5000,
139.2279, 250.3504

■ 0.0000, 0.0000,
2.5307

180.6532,

■ 0.0000, 0.0000,

174.0279, 302.6790

0.8564

221.0562,
214.1912, 361.8342

■ 0.0000, 0.0000,
0.0000

■ 24.3665, 21.5339,
56.2983

■ 24.3665, 21.5339,
56.2983

■ 19.9136, 16.1679,
55.4977

■ 29.8299, 28.0840,
57.2751

■ 16.4070, 11.9132,
54.8612

■ 36.3580, 35.8806,
58.4359

■ 13.7788, 8.6924,
54.3781

■ 44.0040, 44.9846,
59.7901

■ 11.9510, 6.4172,
54.0353

■ 52.8169, 55.4521,
61.3461

■ 10.8320, 4.9847,
53.8177

■ 62.8426, 67.3359,
63.1115

■ 10.2992, 4.2895,
53.7116

■ 74.1248, 80.6862,
65.0937

■ 86.4825, 95.4360,
67.2894

■ 87.1931, 96.8572,
67.5263

Harmonies

Analogous

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



19.5015, 21.5339, 60.0864



24.3665, 21.5339, 56.2983



28.7278, 21.5339, 42.4538

Triad

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



24.3665, 21.5339, 56.2983



26.3263, 21.5339, 8.0728



12.6860, 21.5339, 20.7468

Complementary

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



24.3665, 21.5339, 56.2983



45.7921, 51.8745, 24.4298

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.



13.9648, 21.5339, 11.1767



24.3665, 21.5339, 56.2983



21.4645, 21.5339, 5.9060

Square

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



24.3665, 21.5339, 56.2983



29.9758, 21.5339, 14.4184



17.0080, 21.5339, 6.7693



13.2179, 21.5339, 35.6245

Rectangle

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



24.3665, 21.5339, 56.2983



30.5126, 21.5339, 31.4923



17.0080, 21.5339, 6.7693



12.9111, 21.5339, 16.9034

Sweetspot

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



24.3673, 21.5347, 56.2988



76.0867, 77.4755, 105.5518



37.2629, 48.0634, 58.3232



15.8838, 16.1048, 22.5213



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.



24.3673, 21.5347, 56.2988



36.0987, 29.6400, 98.4262



29.7771, 23.6169, 56.4156



10.0980, 10.3701, 13.3869



6.7163, 2.8264, 34.9359



0.3330, 0.1638, 1.6592

Inverse Universe

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



33.1019, 26.1097, 21.3849



53.6888, 39.0224, 28.0768



38.2147, 49.3074, 24.3337



10.6547, 10.6453, 11.1652



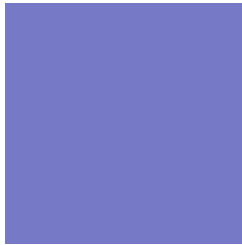
15.1894, 7.8253, 0.9413



0.7268, 0.3736, 0.0844

Previews

White Background



This preview shows how the XYZ color 24.3665, 21.5339, 56.2983 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 24.3665, 21.5339, 56.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

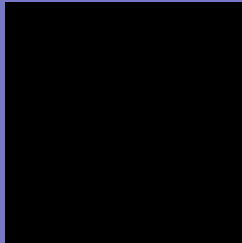
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3665, 21.5339, 56.2983

Background



This preview shows how black text looks on a background with the XYZ color 24.3665, 21.5339, 56.2983.

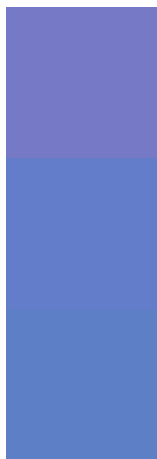


This preview shows how white text looks on a background with the XYZ color 24.3665, 21.5339,

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

24.3665, 21.5339, 56.2983

Protanopia

23.1399, 21.5841, 58.8237

Deuteranopia

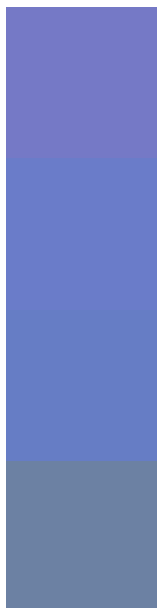
22.1816, 21.5371, 55.8113



Tritanopia

18.9390, 21.6418, 29.1657

Trichromacy



Original Color

24.3665, 21.5339, 56.2983

Protanomaly

23.6941, 21.6965, 58.1974

Deuteranomaly

22.8911, 21.5232, 55.7712

Tritanomaly

20.6455, 21.5330, 37.7185

Monochromacy



Original Color

24.3665, 21.5339, 56.2983

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.7510, 21.6148, 33.5975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3665, 21.5339, 56.2983 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(117, 121, 198)` looks like.

```
.text, #text, p{  
    color:rgb(117, 121, 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(117, 121, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 121, 198) }
```

Border

The CSS property to change the border of an element to XYZ 24.3665, 21.5339, 56.2983 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(117, 121, 198) }
```


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

```
.border{ border-color:rgb(117, 121, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 121, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 121, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 121, 198);  
box-shadow:4px 4px 4px 4px rgb(117, 121,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3665, 21.5339, 56.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 121, 198) }
```

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

```
.background{ background-color: rgb(117,  
121, 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](#).

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