

Converting Colors

XYZ(24.5557, 25.6289, 46.8327)

Have a look what the booklet for
XYZ(24.5557, 25.6289, 46.8327)
contains.

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Color

**XYZ(24.5557, 25.6289,
46.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	728CB4
RGB	114, 140, 180
RGB Percent	45%, 55%, 71%
CMY	0.5529, 0.4510, 0.2941
CMYK	0.37, 0.22, 0.00, 0.29
HSL	216°, 31%, 58%
HSV	216°, 37%, 71%
XYZ	24.5557, 25.6289, 46.8327
YIQ	136.7860, -28.3360, 6.9280

Conversions

Conversions Part 2

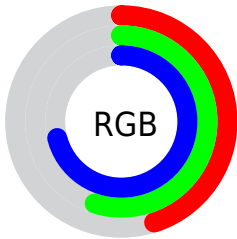
Format	Color
RYB	114, 133, 180
Decimal	7507124
CIELab	57.68, 0.85, -23.93
CIELCh	58, 23.946, 272.035
Yxy	25.6289, 0.2531, 0.2642
Android (android.graphics.Color)	4285697204 (0xFF728CB4)
YUV	136.7860, 21.3045, -19.9833
Hunter-Lab	50.6250, -2.0121, -19.4111

Details

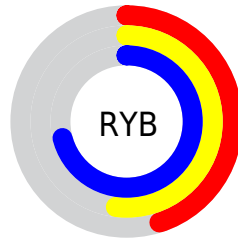
The XYZ color **24.5557, 25.6289, 46.8327** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.4157, 34.0297, 20.7275**, and the grayscale version is **23.6276, 24.8581, 27.0705**.

A 20% lighter version of the original color is **50.3587, 52.5209, 86.8402**, and **9.5368, 9.9014, 21.4872** is the 20% darker color. If you saturate the color by 10%, you get **20.9251, 21.5075, 46.2290**, and if you desaturate by 10%, it is **28.8068, 30.3059, 47.5118**.

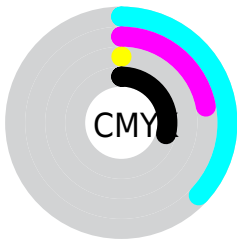
Distribution



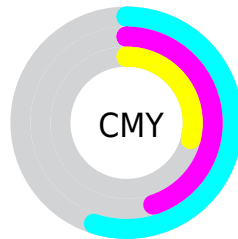
- Red (45%)
- Green (55%)
- Blue (71%)



- Red (45%)
- Yellow (52%)
- Blue (71%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5557, 25.6289, 46.8327 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 24.5557, 25.6289, 46.8327 by changing the saturation by 10% instead.

■ 24.5557, 25.6289,
46.8327

■ 24.5557, 25.6289,
46.8327

268.0066,
280.9556, 390.5208

■ 15.8733, 16.5462,
32.5500

■ 50.3836, 52.6757,
86.8112

■ 9.5248, 9.9115,
21.5137

■ 68.2599, 71.4085,
113.3441

■ 5.1449, 5.3403,
13.3051

■ 89.9314, 94.1269,
144.7975

■ 2.3682, 2.4483,
7.5058

115.7637,
121.2153, 181.5899

■ 0.8292, 0.8506,
3.6972

146.1220,
153.0579, 224.1399

■ 0.0000, 0.0000,
1.4607

181.3717,

■ 0.0000, 0.0000,

190.0392, 272.8660

0.1884

221.8781,
232.5437, 328.1868

■ 0.0000, 0.0000,
0.0000

■ 24.5557, 25.6289,
46.8327

■ 24.5557, 25.6289,
46.8327

■ 20.9251, 21.5075,
46.2290

■ 28.8068, 30.3059,
47.5118

■ 17.8806, 17.9156,
45.6962

■ 33.7052, 35.5571,
48.2673

■ 15.3885, 14.8291,
45.2318

■ 39.2790, 41.4039,
49.1020

■ 13.4097, 12.2206,
44.8325

■ 45.5541, 47.8656,
50.0185

■ 11.8998, 10.0590,
44.4949

■ 52.5547, 54.9606,
51.0190

■ 10.7991, 8.3053,
44.2144

■ 60.3039, 62.7065,
52.1057

■ 10.4860, 7.7907,
44.1316

■ 68.8239, 71.1200,
53.2806

■ 77.0223, 79.6433,
54.4937

■ 80.1060, 85.8107,
55.5216

Harmonies

Analogous

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



21.8660, 25.6289, 44.2921



24.5557, 25.6289, 46.8327



27.4006, 25.6289, 43.5339

Triad

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



24.5557, 25.6289, 46.8327



29.3353, 25.6289, 20.3442



19.8098, 25.6289, 21.1406

Complementary

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



24.5557, 25.6289, 46.8327



33.4157, 34.0297, 20.7275

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.



21.5522, 25.6289, 16.5522



24.5557, 25.6289, 46.8327



27.0357, 25.6289, 16.1597

Square

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



24.5557, 25.6289, 46.8327



30.2913, 25.6289, 27.3489



24.1643, 25.6289, 14.9196



19.2576, 25.6289, 28.4697

Rectangle

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



24.5557, 25.6289, 46.8327



28.9668, 25.6289, 38.7821



24.1643, 25.6289, 14.9196



20.2687, 25.6289, 19.2802

Sweetspot

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



24.5565, 25.6299, 46.8333



66.4951, 70.1427, 88.3288



29.0608, 38.5403, 36.3055



14.0826, 14.8566, 19.0476



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.5565, 25.6299, 46.8333



39.1165, 40.3514, 84.0215



22.0854, 19.3667, 45.7546



8.3075, 8.7611, 10.7595



7.3801, 5.5605, 30.8213



0.2900, 0.2904, 0.9890

Inverse Universe

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



29.5740, 23.6321, 27.8148



49.7463, 36.9081, 43.5528



36.6812, 42.7879, 22.2459



8.6304, 8.5589, 9.5521



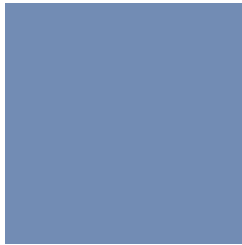
13.9598, 7.1015, 4.9482



0.4684, 0.2351, 0.3092

Previews

White Background



This preview shows how the XYZ color 24.5557, 25.6289, 46.8327 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 24.5557, 25.6289, 46.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

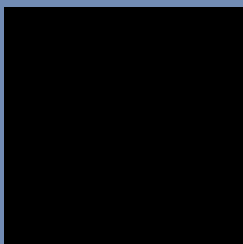
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5557, 25.6289, 46.8327

Background



This preview shows how black text looks on a background with the XYZ color 24.5557, 25.6289, 46.8327.

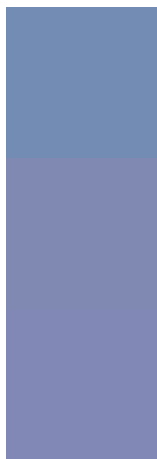


This preview shows how white text looks on a background with the XYZ color 24.5557, 25.6289,

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

24.5557, 25.6289, 46.8327

Protanopia

25.8836, 25.6949, 45.7149

Deuteranopia

26.1979, 25.6116, 47.2788



Tritanopia

22.1584, 25.5350, 35.2134

Trichromacy



Original Color

24.5557, 25.6289, 46.8327

Protanomaly

25.3935, 25.6426, 46.2590

Deuteranomaly

25.5983, 25.5126, 47.2913

Tritanomaly

23.0444, 25.6765, 39.3388

Monochromacy



Original Color

24.5557, 25.6289, 46.8327

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8915, 25.1440, 33.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5557, 25.6289, 46.8327 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(114, 140, 180)` looks like.

```
.text, #text, p{  
    color:rgb(114, 140, 180)  
}
```

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(114, 140, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 140, 180) }
```

Border

The CSS property to change the border of an element to XYZ 24.5557, 25.6289, 46.8327 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(114, 140, 180) }
```


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

```
.border{ border-color:rgb(114, 140, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 140, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 140, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 140, 180);  
box-shadow:4px 4px 4px 4px rgb(114, 140,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5557, 25.6289, 46.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 140, 180) }
```

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

```
.background{ background-color: rgb(114,  
140, 180) }
```

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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