

Converting Colors

XYZ(22.4943, 24.4608, 47.7296)

Have a look what the booklet for
XYZ(22.4943, 24.4608, 47.7296)
contains.

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Color

**XYZ(22.5409, 24.5665,
47.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8CB6
RGB	95, 140, 182
RGB Percent	37%, 55%, 71%
CMY	0.6274, 0.4510, 0.2863
CMYK	0.48, 0.23, 0.00, 0.29
HSL	209°, 37%, 54%
HSV	209°, 48%, 71%
XYZ	22.5409, 24.5665, 47.8097
YIQ	131.3330, -40.3020, 3.5220

Conversions

Conversions Part 2

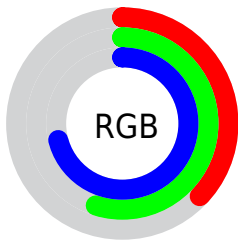
Format	Color
R _Y B	95, 125, 182
Decimal	6261942
CIE Lab	56.65, -3.66, -26.75
CIE LCh	57, 27.003, 262.214
Yxy	24.5665, 0.2375, 0.2588
Android (android.graphics.Color)	4284452022 (0xFF5F8CB6)
YUV	131.3330, 24.9788, -31.8640
Hunter-Lab	49.5646, -5.5602, -22.4955

Details

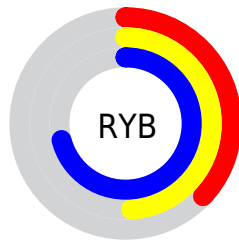
The XYZ color **22.5409, 24.5665, 47.8097** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.3033, 28.6634, 14.7628**, and the grayscale version is **21.6169, 22.7427, 24.7668**.

A 20% lighter version of the original color is **47.0803, 50.7970, 88.2123**, and **8.4553, 9.3286, 22.1238** is the 20% darker color. If you saturate the color by 10%, you get **19.6337, 21.2378, 47.3209**, and if you desaturate by 10%, it is **25.9939, 28.3298, 48.3545**.

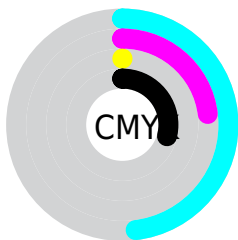
Distribution



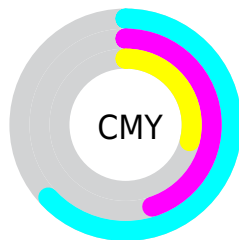
- Red (37%)
- Green (55%)
- Blue (71%)



- Red (37%)
- Yellow (49%)
- Blue (71%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5409, 24.5665, 47.8097 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 22.5409, 24.5665, 47.8097 by changing the saturation by 10% instead.

■ 22.5409, 24.5665,
47.8097

■ 22.5409, 24.5665,
47.8097

257.9377,
275.6721, 394.5243

■ 14.3737, 15.7544,
33.3173

■ 47.1106, 50.9531,
88.2836

■ 8.4645, 9.3505,
22.0965

■ 64.2438, 69.2963,
115.1022

■ 4.4479, 4.9705,
13.7288

■ 85.0964, 91.5854,
146.8665

■ 1.9585, 2.2300,
7.7957

■ 110.0338,
118.2047, 183.9952

■ 0.6105, 0.7363,
3.8786

139.4212,
149.5387, 226.9068

■ 0.0000, 0.0000,
1.5590

173.6241,

■ 0.0000, 0.0000,

185.9716, 276.0198

0.2613

213.0078,
227.8880, 331.7528

■ 0.0000, 0.0000,
0.0000

■ 22.5409, 24.5665,
47.8097

■ 22.5409, 24.5665,
47.8097

■ 19.6337, 21.2378,
47.3209

■ 25.9939, 28.3298,
48.3545

■ 17.2363, 18.3201,
46.8841

■ 30.0208, 32.5440,
48.9557

■ 15.3116, 15.7911,
46.4974

■ 34.6505, 37.2278,
49.6158

■ 13.8160, 13.6245,
46.1580

■ 39.9090, 42.3981,
50.3366

■ 12.6831, 11.7821,
45.8621

■ 45.8210, 48.0704,
51.1199

■ 12.4586, 11.4075,
45.8016

■ 52.4095, 54.2598,
51.9673

■ 59.6966, 60.9805,
52.8804

■ 67.7031, 68.2462,
53.8609

■ 75.0355, 75.3413,
54.8439

Harmonies

Analogous

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



19.8408, 24.5665, 42.8816



22.5409, 24.5665, 47.8097



25.7086, 24.5665, 46.1727

Triad

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



22.5409, 24.5665, 47.8097



29.4000, 24.5665, 20.7272



18.8940, 24.5665, 17.4877

Complementary

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



22.5409, 24.5665, 47.8097



30.3033, 28.6634, 14.7628

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.



21.1397, 24.5665, 13.7172



22.5409, 24.5665, 47.8097



27.2497, 24.5665, 15.2742

Square

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



22.5409, 24.5665, 47.8097



29.8602, 24.5665, 29.1615



24.1777, 24.5665, 13.0093



17.8618, 24.5665, 24.4728

Rectangle

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



22.5409, 24.5665, 47.8097



27.6479, 24.5665, 41.7158



24.1777, 24.5665, 13.0093



19.5218, 24.5665, 15.8731

Sweetspot

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



22.5417, 24.5674, 47.8103



66.0845, 70.7307, 90.4051



25.8635, 37.6556, 29.0498



14.1562, 15.1868, 19.9068



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.



22.5417, 24.5674, 47.8103



35.5168, 38.4109, 85.7778



17.5220, 14.5279, 46.1370



8.8950, 9.4672, 11.4380



8.8650, 8.1896, 32.3666



0.3742, 0.4120, 1.1616

Inverse Universe

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



28.1179, 20.0238, 27.1949



47.1602, 30.5025, 42.3779



37.4976, 43.0521, 17.1609



9.1933, 9.0877, 10.3655



15.0883, 7.6091, 8.3518



0.5630, 0.2807, 0.4583

Previews

White Background



This preview shows how the XYZ color 22.5409, 24.5665, 47.8097 looks on a white background.

Color Contrast Check

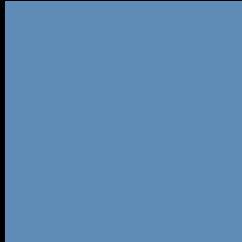
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5409, 24.5665, 47.8097 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 22.5409, 24.5665, 47.8097

Background



This preview shows how black text looks on a background with the XYZ color 22.5409, 24.5665, 47.8097.

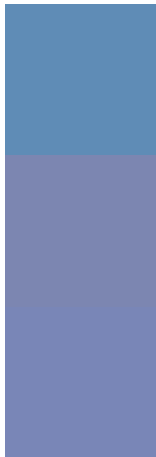


This preview shows how white text looks on a background with the XYZ color 22.5409, 24.5665,

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

22.5409, 24.5665, 47.8097

Protanopia

24.7731, 24.5096, 45.0201

Deuteranopia

24.9575, 24.5340, 48.2199



Tritanopia

20.0566, 24.6773, 35.1586

Trichromacy



Original Color

22.5409, 24.5665, 47.8097

Protanomaly

23.7509, 24.3737, 46.1006

Deuteranomaly

24.0335, 24.4720, 48.2566

Tritanomaly

20.8304, 24.5352, 39.2352

Monochromacy



Original Color

22.5409, 24.5665, 47.8097

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.5013, 23.1038, 32.1804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5409, 24.5665, 47.8097 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(95, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(95, 140, 182)  
}
```

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(95, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 140, 182) }
```

Border

The CSS property to change the border of an element to XYZ 22.5409, 24.5665, 47.8097 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(95, 140, 182) }
```


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

```
.border{ border-color:rgb(95, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(95, 140,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5409, 24.5665, 47.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 140, 182) }
```

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

```
.background{ background-color: rgb(95, 140,  
182) }
```

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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