

Converting Colors

XYZ(22.5113, 25.8031, 51.9486)

Have a look what the booklet for
XYZ(22.5113, 25.8031, 51.9486)
contains.

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Color

**XYZ(22.5248, 25.8097,
51.9387)**

Conversions

Conversions Part 1

Format	Color
Hex	4D92BD
RGB	77, 146, 189
RGB Percent	30%, 57%, 74%
CMY	0.6980, 0.4274, 0.2588
CMYK	0.59, 0.23, 0.00, 0.26
HSL	203°, 46%, 52%
HSV	203°, 59%, 74%
XYZ	22.5248, 25.8097, 51.9387
YIQ	130.2710, -54.9270, -1.2550

Conversions

Conversions Part 2

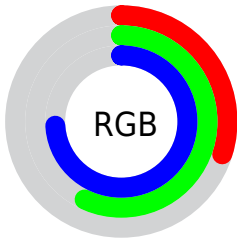
Format	Color
R_{YB}	77, 120, 189
Decimal	5083837
CIE _{Lab}	57.86, -8.93, -28.93
CIE _{LCh}	58, 30.278, 252.851
Yxy	25.8097, 0.2246, 0.2574
Android (android.graphics.Color)	4283273917 (0xFF4D92BD)
YUV	130.2710, 28.9534, -46.7187
Hunter-Lab	50.8032, -9.7636, -25.0529

Details

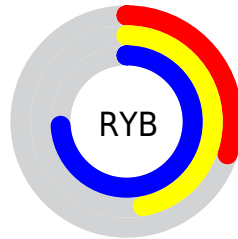
The XYZ color **22.5248, 25.8097, 51.9387** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **29.0433, 24.7890, 10.2763**, and the grayscale version is **21.2296, 22.3352, 24.3230**.

A 20% lighter version of the original color is **47.1274, 53.0520, 94.1424**, and **8.5560, 10.1150, 24.4231** is the 20% darker color. If you saturate the color by 10%, you get **20.1323, 22.9686, 51.5169**, and if you desaturate by 10%, it is **25.4330, 29.0231, 52.4062**.

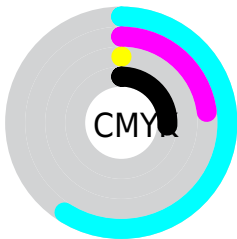
Distribution



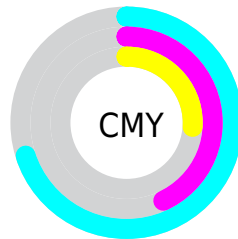
- Red (30%)
- Green (57%)
- Blue (74%)



- Red (30%)
- Yellow (47%)
- Blue (74%)



- Cyan (59%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (70%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5248, 25.8097, 51.9387 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 22.5248, 25.8097, 51.9387 by changing the saturation by 10% instead.

■ 22.5248, 25.8097,
51.9387

■ 22.5248, 25.8097,
51.9387

257.8560,
281.8467, 411.1501

■ 14.3618, 16.6813,
36.5743

■ 47.0843, 52.9678,
94.4665

■ 8.4561, 10.0075,
24.5849

■ 64.2115, 71.7663,
122.4670

■ 4.4424, 5.4040,
15.5518

■ 85.0574, 94.5570,
155.5166

■ 1.9553, 2.4862,
9.0567

■ 109.9874,
121.7242, 194.0338

■ 0.6087, 0.8697,
4.6809

■ 139.3670,
153.6524, 238.4372

■ 0.0000, 0.0000,
2.0058

173.5613,

■ 0.0000, 0.0000,

190.7259, 289.1454

0.5588

212.9359,
233.3292, 346.5769

■ 0.0000, 0.0000,
0.0000

■ 22.5248, 25.8097,
51.9387

■ 22.5248, 25.8097,
51.9387

■ 20.1323, 22.9686,
51.5169

■ 25.4330, 29.0231,
52.4062

■ 18.2121, 20.4739,
51.1366

■ 28.8905, 32.6264,
52.9195

■ 16.7170, 18.2999,
50.7958

■ 32.9306, 36.6393,
53.4811

■ 15.5616, 16.4003,
50.4900

■ 37.5835, 41.0790,
54.0928

■ 15.4813, 16.2659,
50.4683

■ 42.8768, 45.9615,
54.7562

■ 48.8364, 51.3020,
55.4729

■ 55.4870, 57.1146,
56.2444

■ 62.8515, 63.4131,
57.0719

■ 70.9522, 70.2104,
57.9570

Harmonies

Analogous

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



19.7493, 25.8097, 44.0589



22.5248, 25.8097, 51.9387



26.1213, 25.8097, 52.5270

Triad

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



22.5248, 25.8097, 51.9387



32.0079, 25.8097, 23.8755



20.0723, 25.8097, 15.8191

Complementary

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



22.5248, 25.8097, 51.9387



29.0433, 24.7890, 10.2763

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.



23.0073, 25.8097, 12.7390



22.5248, 25.8097, 51.9387



30.0290, 25.8097, 16.5550

Square

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



22.5248, 25.8097, 51.9387



31.8459, 25.8097, 34.4373



26.6537, 25.8097, 12.9700



18.4325, 25.8097, 22.5963

Rectangle

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



22.5248, 25.8097, 51.9387



28.5275, 25.8097, 48.5306



26.6537, 25.8097, 12.9700



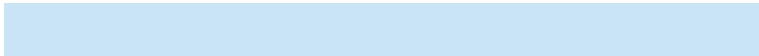
20.9270, 25.8097, 14.4019

Sweetspot

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



22.5257, 25.8106, 51.9393



68.1784, 74.3834, 96.9902



24.6452, 39.3282, 24.0416



14.1071, 15.4752, 20.7861



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.



22.5257, 25.8106, 51.9393



34.9830, 39.7879, 92.0622



15.9087, 12.5767, 49.7337



9.4926, 10.1774, 12.1363



10.4919, 11.0955, 33.9816



0.4725, 0.5576, 1.3516

Inverse Universe

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



28.8293, 18.2029, 29.1891



47.8820, 27.0991, 44.8628



37.8388, 42.3800, 13.2081



9.7705, 9.6325, 11.1803



16.2966, 8.1498, 12.1214



0.6694, 0.3316, 0.6382

Previews

White Background



This preview shows how the XYZ color 22.5248, 25.8097, 51.9387 looks on a white background.

Color Contrast Check

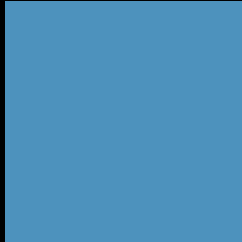
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5248, 25.8097, 51.9387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

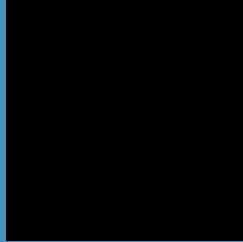
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5248, 25.8097, 51.9387

Background



This preview shows how black text looks on a background with the XYZ color 22.5248, 25.8097, 51.9387.

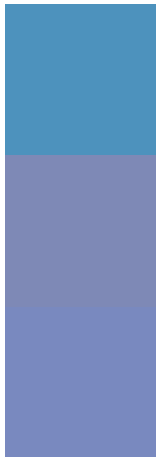


This preview shows how white text looks on a background with the XYZ color 22.5248, 25.8097,

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

22.5248, 25.8097, 51.9387

Protanopia

25.9933, 25.7043, 47.8474

Deuteranopia

26.2348, 25.7179, 52.8715



Tritanopia

19.9242, 25.9358, 38.6063

Trichromacy



Original Color

22.5248, 25.8097, 51.9387

Protanomaly

24.3194, 25.4471, 49.5290

Deuteranomaly

24.4980, 25.4771, 52.3416

Tritanomaly

20.7196, 25.7755, 42.9129

Monochromacy



Original Color

22.5248, 25.8097, 51.9387

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.9456, 23.2222, 32.6565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5248, 25.8097, 51.9387 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(77, 146, 189)` looks like.

```
.text, #text, p{  
    color:rgb(77, 146, 189)  
}
```

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(77, 146, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 146, 189) }
```

Border

The CSS property to change the border of an element to XYZ 22.5248, 25.8097, 51.9387 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(77, 146, 189) }
```


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

```
.border{ border-color:rgb(77, 146, 189) }
```

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

Here you see how a box with a 4 pixel rgb(77, 146, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(77, 146,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5248, 25.8097, 51.9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 146, 189) }
```

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

```
.background{ background-color: rgb(77, 146,  
189) }
```

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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