

Converting Colors

XYZ(22.6853, 24.6721, 57.7412)

Have a look what the booklet for
XYZ(22.6853, 24.6721, 57.7412)
contains.

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Color

**XYZ(22.6577, 24.6291,
57.5925)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8DC7
RGB	74, 141, 199
RGB Percent	29%, 55%, 78%
CMY	0.7098, 0.4471, 0.2196
CMYK	0.63, 0.29, 0.00, 0.22
HSL	208°, 53%, 54%
HSV	208°, 63%, 78%
XYZ	22.6577, 24.6291, 57.5925
YIQ	127.5790, -58.5500, 3.8340

Conversions

Conversions Part 2

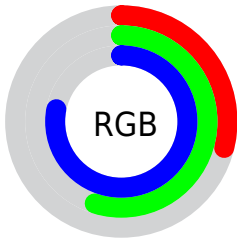
Format	Color
R_{YB}	74, 118, 199
Decimal	4885959
CIE _{Lab}	56.71, -3.39, -36.38
CIE _{LCh}	57, 36.537, 264.676
Yxy	24.6291, 0.2160, 0.2348
Android (android.graphics.Color)	4283076039 (0xFF4A8DC7)
YUV	127.5790, 35.2106, -46.9888
Hunter-Lab	49.6277, -5.3537, -34.0661

Details

The XYZ color **22.6577, 24.6291, 57.5925** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **33.0417, 29.1408, 10.3630**, and the grayscale version is **20.2699, 21.3255, 23.2235**.

A 20% lighter version of the original color is **47.0147, 50.7901, 101.9333**, and **8.8519, 9.5265, 28.1603** is the 20% darker color. If you saturate the color by 10%, you get **20.0558, 21.3504, 57.0973**, and if you desaturate by 10%, it is **25.8594, 28.3863, 58.1495**.

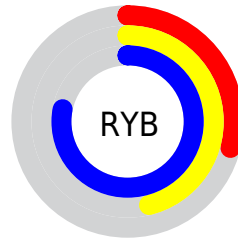
Distribution



Red (29%)

Green (55%)

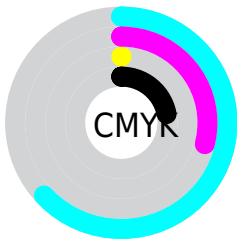
Blue (78%)



Red (29%)

Yellow (46%)

Blue (78%)

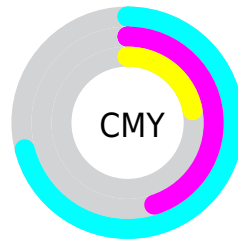


Cyan (63%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6577, 24.6291, 57.5925 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 22.6577, 24.6291, 57.5925 by changing the saturation by 10% instead.

■ 22.6577, 24.6291,
57.5925

■ 22.6577, 24.6291,
57.5925

258.5303,
275.9858, 433.2216

■ 14.4603, 15.8009,
41.0686

■ 47.3015, 51.0549,
102.8381

■ 8.5253, 9.3834,
28.0526

■ 64.4785, 69.4213,
132.3969

■ 4.4875, 4.9921,
18.1259

■ 85.3794, 91.7359,
167.1377

■ 1.9815, 2.2426,
10.8701

■ 110.3697,
118.3831, 207.4792

■ 0.6235, 0.7431,
5.8664

■ 139.8145,
149.7473, 253.8397

■ 0.0000, 0.0000,
2.6966

174.0793,

■ 0.0000, 0.0000,

186.2129, 306.6380

0.9417

213.5294,
228.1642, 366.2924

■ 0.0000, 0.0000,
0.0000

■ 22.6577, 24.6291,
57.5925

■ 22.6577, 24.6291,
57.5925

■ 20.0558, 21.3504,
57.0973

■ 25.8594, 28.3863,
58.1495

■ 18.0007, 18.5177,
56.6588

■ 29.7023, 32.6461,
58.7691

■ 16.4334, 16.0967,
56.2741

■ 34.2266, 37.4336,
59.4548

■ 15.5314, 14.5685,
56.0267

■ 39.4686, 42.7710,
60.2087

■ 45.4615, 48.6791,
61.0332

■ 52.2366, 55.1775,
61.9305

■ 59.8232, 62.2847,
62.9024

■ 68.2490, 70.0184,
63.9511

■ 77.5404, 78.3952,
65.0783

Harmonies

Analogous

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



18.9874, 24.6291, 50.8564



22.6577, 24.6291, 57.5925



26.9962, 24.6291, 54.2633

Triad

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



22.6577, 24.6291, 57.5925



31.6645, 24.6291, 18.1710



17.3447, 24.6291, 15.4160

Complementary

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



22.6577, 24.6291, 57.5925



33.0417, 29.1408, 10.3630

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.



20.1550, 24.6291, 10.6554



22.6577, 24.6291, 57.5925



28.4692, 24.6291, 11.8751

Square

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



22.6577, 24.6291, 57.5925



32.5437, 24.6291, 29.0520



24.1772, 24.6291, 9.5905



16.1672, 24.6291, 24.6995

Rectangle

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



22.6577, 24.6291, 57.5925



29.6501, 24.6291, 47.1841



24.1772, 24.6291, 9.5905



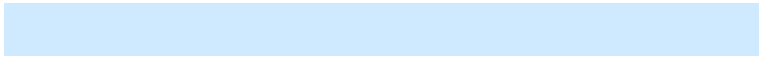
18.1119, 24.6291, 13.3606

Sweetspot

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



22.6586, 24.6300, 57.5931



72.6594, 78.4263, 105.9160



27.2945, 43.9218, 28.2478



14.9246, 16.1623, 22.5830



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.



22.6586, 24.6300, 57.5931



33.8312, 35.6677, 99.7092



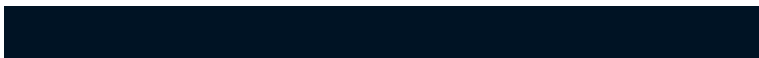
16.0209, 11.3546, 55.3806



10.5196, 11.2132, 13.5274



10.0754, 9.5448, 36.0556



0.5490, 0.5959, 1.7312

Inverse Universe

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



30.8105, 18.9638, 27.2365



49.9659, 27.6613, 38.9060



43.8046, 50.6667, 13.9506



10.8675, 10.7304, 12.2857



16.8849, 8.5035, 9.8699



0.8358, 0.4172, 0.6586

Previews

White Background



This preview shows how the XYZ color 22.6577, 24.6291, 57.5925 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 22.6577, 24.6291, 57.5925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

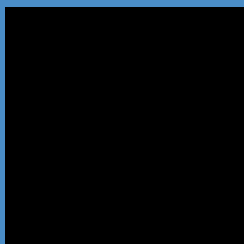
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

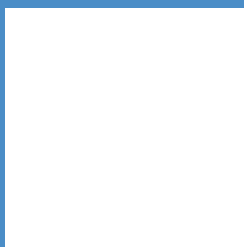
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6577, 24.6291, 57.5925

Background



This preview shows how black text looks on a background with the XYZ color 22.6577, 24.6291, 57.5925.

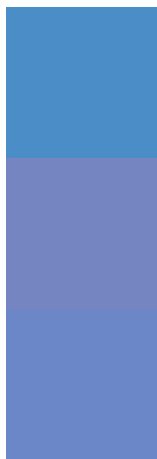


This preview shows how white text looks on a background with the XYZ color 22.6577, 24.6291,

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

22.6577, 24.6291, 57.5925

Protanopia

25.3493, 24.4072, 53.8271

Deuteranopia

25.1527, 24.6239, 58.0708



Tritanopia

18.5106, 24.5301, 37.0169

Trichromacy



Original Color

22.6577, 24.6291, 57.5925

Protanomaly

24.0213, 24.3152, 55.0570

Deuteranomaly

24.0903, 24.4943, 58.1018

Tritanomaly

19.7520, 24.3309, 43.6997

Monochromacy



Original Color

22.6577, 24.6291, 57.5925

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4046, 22.2963, 33.8000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6577, 24.6291, 57.5925 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(74, 141, 199)` looks like.

```
.text, #text, p{  
    color:rgb(74, 141, 199)  
}
```

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(74, 141, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 141, 199) }
```

Border

The CSS property to change the border of an element to XYZ 22.6577, 24.6291, 57.5925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

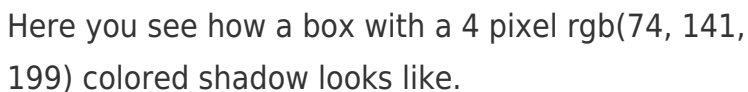
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 141, 199) }
```


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

```
.border{ border-color:rgb(74, 141, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(74, 141, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 141, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 141, 199); box-shadow:4px 4px 4px 4px rgb(74, 141, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6577, 24.6291, 57.5925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 141, 199) }
```

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

```
.background{ background-color: rgb(74, 141,  
199) }
```

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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