

Converting Colors

XYZ(23.1666, 24.6735, 57.5743)

Have a look what the booklet for
XYZ(23.1666, 24.6735, 57.5743)
contains.

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Color

**XYZ(23.1666, 24.6735,
57.5743)**

Conversions

Conversions Part 1

Format	Color
Hex	528CC7
RGB	82, 140, 199
RGB Percent	32%, 55%, 78%
CMY	0.6784, 0.4510, 0.2196
CMYK	0.59, 0.30, 0.00, 0.22
HSL	210°, 51%, 55%
HSV	210°, 59%, 78%
XYZ	23.1666, 24.6735, 57.5743
YIQ	129.3840, -53.5070, 6.0530

Conversions

Conversions Part 2

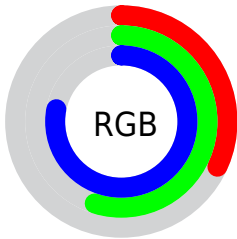
Format	Color
R _Y B	82, 121, 199
Decimal	5409991
CIE Lab	56.76, -1.27, -36.29
CIE LCh	57, 36.310, 267.988
Yxy	24.6735, 0.2198, 0.2341
Android (android.graphics.Color)	4283600071 (0xFF528CC7)
YUV	129.3840, 34.3207, -41.5558
Hunter-Lab	49.6724, -3.6766, -33.9511

Details

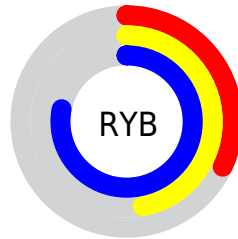
The XYZ color **23.1666, 24.6735, 57.5743** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.6024, 31.8030, 12.2988**, and the grayscale version is **20.8986, 21.9869, 23.9438**.

A 20% lighter version of the original color is **47.9352, 50.9354, 101.9128**, and **8.7920, 9.3696, 28.1332** is the 20% darker color. If you saturate the color by 10%, you get **20.2803, 21.1074, 57.0386**, and if you desaturate by 10%, it is **26.6901, 28.7674, 58.1793**.

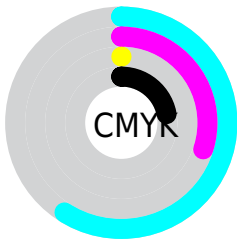
Distribution



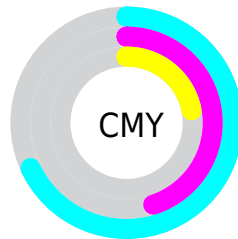
- Red (32%)
- Green (55%)
- Blue (78%)



- Red (32%)
- Yellow (47%)
- Blue (78%)



- Cyan (59%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1666, 24.6735, 57.5743 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 23.1666, 24.6735, 57.5743 by changing the saturation by 10% instead.

■ 23.1666, 24.6735,
57.5743

■ 23.1666, 24.6735,
57.5743

261.0989,
276.2080, 433.1517

■ 14.8379, 15.8340,
41.0541

■ 48.1314, 51.1270,
102.8113

■ 8.7913, 9.4067,
28.0413

■ 65.4982, 69.5099,
132.3652

■ 4.6613, 5.0074,
18.1175

■ 86.6085, 91.8425,
167.1007

■ 2.0827, 2.2516,
10.8641

■ 111.8276,
118.5095, 207.4364

■ 0.6798, 0.7479,
5.8625

141.5208,
149.8951, 253.7908

■ 0.0000, 0.0000,
2.6942

176.0535,

■ 0.0000, 0.0000,

186.3838, 306.5825

0.9405

215.7911,
228.3600, 366.2299

■ 0.0000, 0.0000,
0.0000

■ 23.1666, 24.6735,
57.5743

■ 23.1666, 24.6735,
57.5743

■ 20.2803, 21.1074,
57.0386

■ 26.6901, 28.7674,
58.1793

■ 17.9804, 18.0365,
56.5671

■ 30.8910, 33.4138,
58.8547

■ 16.2112, 15.4269,
56.1566

■ 35.8090, 38.6384,
59.6040

■ 14.8828, 13.2266,
55.8019

■ 41.4797, 44.4643,
60.4296

■ 14.7373, 12.9804,
55.7621

■ 47.9363, 50.9132,
61.3341

■ 55.2099, 58.0055,
62.3196

■ 63.3297, 65.7606,
63.3886

■ 72.3235, 74.1971,
64.5430

■ 79.9350, 82.1558,
65.6780

Harmonies

Analogous

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



19.3930, 24.6735, 51.8990



23.1666, 24.6735, 57.5743



27.4856, 24.6735, 53.1798

Triad

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



23.1666, 24.6735, 57.5743



31.4050, 24.6735, 17.3371



17.2003, 24.6735, 16.2992

Complementary

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



23.1666, 24.6735, 57.5743



34.6024, 31.8030, 12.2988

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.



19.8327, 24.6735, 11.0817



23.1666, 24.6735, 57.5743



28.0399, 24.6735, 11.5418

Square

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



23.1666, 24.6735, 57.5743



32.5704, 24.6735, 27.6926



23.7386, 24.6735, 9.6448



16.2163, 24.6735, 26.0545

Rectangle

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



23.1666, 24.6735, 57.5743



30.0393, 24.6735, 45.6990



23.7386, 24.6735, 9.6448



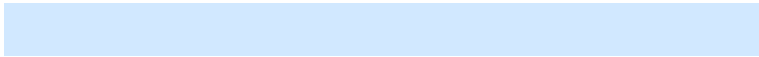
17.9048, 24.6735, 14.0811

Sweetspot

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



23.1675, 24.6744, 57.5749



73.1881, 78.4204, 105.8870



28.6747, 44.5497, 32.0938



15.0031, 16.1130, 22.5693



0.0000, 0.0000, 0.0000



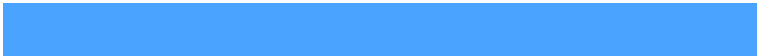
20.3446, 21.4041, 23.3091

Same Dimension

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



23.1675, 24.6744, 57.5749



34.0917, 35.1168, 99.5891



16.8070, 11.9533, 55.4547



10.4836, 11.1414, 13.5154



9.5638, 8.5215, 35.8851



0.5253, 0.5484, 1.7233

Inverse Universe

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



31.3050, 20.0713, 27.0358



50.3590, 28.8203, 37.8878



45.5003, 53.5988, 15.9315



10.8494, 10.7231, 12.1902



16.6267, 8.4002, 8.5100



0.8238, 0.4124, 0.5955

Previews

White Background



This preview shows how the XYZ color 23.1666, 24.6735, 57.5743 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 23.1666, 24.6735, 57.5743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

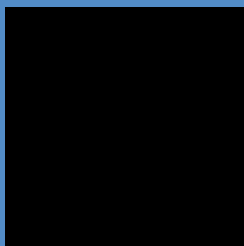
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

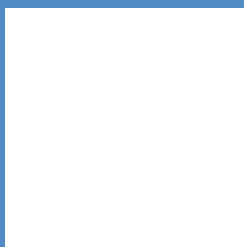
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1666, 24.6735, 57.5743

Background



This preview shows how black text looks on a background with the XYZ color 23.1666, 24.6735, 57.5743.

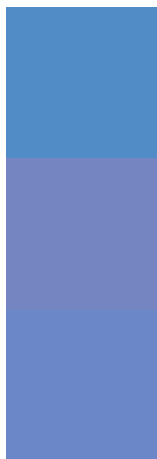


This preview shows how white text looks on a background with the XYZ color 23.1666, 24.6735,

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

23.1666, 24.6735, 57.5743

Protanopia

25.3276, 24.3831, 54.4104

Deuteranopia

25.1527, 24.6239, 58.0708



Tritanopia

19.1150, 24.8417, 37.0452

Trichromacy



Original Color

23.1666, 24.6735, 57.5743

Protanomaly

24.4769, 24.5369, 55.6706

Deuteranomaly

24.4080, 24.6581, 58.1166

Tritanomaly

20.3639, 24.6464, 43.7283

Monochromacy



Original Color

23.1666, 24.6735, 57.5743

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.9024, 22.5529, 33.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1666, 24.6735, 57.5743 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(82, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(82, 140, 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(82, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 140, 199) }
```

Border

The CSS property to change the border of an element to XYZ 23.1666, 24.6735, 57.5743 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(82, 140, 199) }
```


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

```
.border{ border-color:rgb(82, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(82, 140,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1666, 24.6735, 57.5743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 140, 199) }
```

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

```
.background{ background-color: rgb(82, 140,  
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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