

Converting Colors

XYZ(24.0119, 23.5685, 52.7189)

Have a look what the booklet for
XYZ(24.0119, 23.5685, 52.7189)
contains.

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Color

**XYZ(23.9619, 23.5153,
52.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	6D84BF
RGB	109, 132, 191
RGB Percent	43%, 52%, 75%
CMY	0.5725, 0.4823, 0.2510
CMYK	0.43, 0.31, 0.00, 0.25
HSL	223°, 39%, 59%
HSV	223°, 43%, 75%
XYZ	23.9619, 23.5153, 52.5662
YIQ	131.8490, -32.6470, 13.4730

Conversions

Conversions Part 2

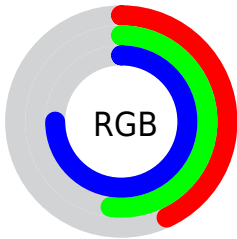
Format	Color
R _Y B	109, 127, 191
Decimal	7177407
CIE Lab	55.60, 7.24, -33.45
CIE LCh	56, 34.225, 282.221
Yxy	23.5153, 0.2395, 0.2351
Android (android.graphics.Color)	4285367487 (0xFF6D84BF)
YUV	131.8490, 29.1614, -20.0386
Hunter-Lab	48.4926, 3.3412, -30.3259

Details

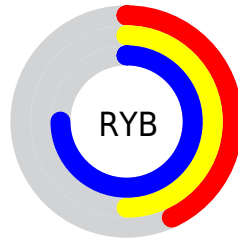
The XYZ color **23.9619, 23.5153, 52.5662** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.2496, 40.1868, 20.2099**, and the grayscale version is **21.7852, 22.9197, 24.9596**.

A 20% lighter version of the original color is **49.6021, 49.3677, 95.7216**, and **9.1842, 8.8049, 24.8824** is the 20% darker color. If you saturate the color by 10%, you get **20.1201, 18.9485, 51.8876**, and if you desaturate by 10%, it is **28.5614, 28.8381, 53.3516**.

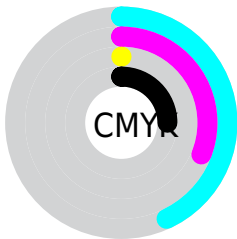
Distribution



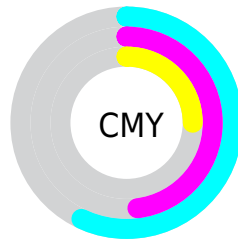
- Red (43%)
- Green (52%)
- Blue (75%)



- Red (43%)
- Yellow (50%)
- Blue (75%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9619, 23.5153, 52.5662 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 23.9619, 23.5153, 52.5662 by changing the saturation by 10% instead.

■ 23.9619, 23.5153,
52.5662

■ 23.9619, 23.5153,
52.5662

265.0719,
270.3608, 413.6376

■ 15.4299, 14.9745,
37.0712

■ 49.4231, 49.2381,
95.4008

■ 9.2100, 8.8015,
24.9664

■ 67.0831, 67.1888,
123.5775

■ 4.9366, 4.6119,
15.8333

■ 88.5165, 89.0449,
156.8185

■ 2.2445, 2.0214,
9.2532

■ 114.0887,
115.1909, 195.5425

■ 0.7660, 0.6199,
4.8076

144.1649,
146.0111, 240.1678

■ 0.0000, 0.0000,
2.0781

179.1106,

■ 0.0000, 0.0000,

181.8898, 291.1130

0.6027

219.2912,
223.2116, 348.7968

■ 0.0000, 0.0000,
0.0000

■ 23.9619, 23.5153,
52.5662

■ 23.9619, 23.5153,
52.5662

■ 20.1201, 18.9485,
51.8876

■ 28.5614, 28.8381,
53.3516

■ 16.9906, 15.0987,
51.3095

■ 33.9555, 34.9480,
54.2466

■ 14.5268, 11.9273,
50.8272

■ 40.1816, 41.8772,
55.2560

■ 12.6746, 9.3905,
50.4352

■ 47.2740, 49.6557,
56.3836

■ 11.3710, 7.4380,
50.1270

■ 55.2649, 58.3116,
57.6332

■ 10.7034, 6.3603,
49.9542

■ 64.1850, 67.8718,
59.0083

■ 74.0633, 78.3620,
60.5125

■ 82.3799, 88.4934,
62.0297

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



20.1561, 23.5153, 51.7076



23.9619, 23.5153, 52.5662



27.7291, 23.5153, 44.8344

Triad

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



23.9619, 23.5153, 52.5662



28.3219, 23.5153, 13.7941



15.9913, 23.5153, 19.6366

Complementary

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



23.9619, 23.5153, 52.5662



38.2496, 40.1868, 20.2099

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.



17.7169, 23.5153, 12.8498



23.9619, 23.5153, 52.5662



24.6988, 23.5153, 10.2080

Square

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



23.9619, 23.5153, 52.5662



30.4341, 23.5153, 21.3555



20.8132, 23.5153, 9.9212



15.8424, 23.5153, 30.3819

Rectangle

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



23.9619, 23.5153, 52.5662



29.5961, 23.5153, 36.8669



20.8132, 23.5153, 9.9212



16.3961, 23.5153, 16.9063

Sweetspot

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



23.9627, 23.5162, 52.5668



71.6371, 74.6397, 98.9103



31.9844, 43.3319, 43.6108



15.1564, 15.7544, 21.6274



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.9627, 23.5162, 52.5668



36.1018, 34.0172, 92.9423



23.5912, 19.1940, 51.7521



9.2285, 9.6494, 12.0483



7.0937, 4.2991, 32.8488



0.3352, 0.2831, 1.3058

Inverse Universe

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



31.1201, 23.6805, 24.7611



50.9457, 35.3268, 35.0576



38.6770, 47.2772, 21.5559



9.6372, 9.5792, 10.4786



14.5813, 7.4637, 3.0890



0.6001, 0.3039, 0.2735

Previews

White Background



This preview shows how the XYZ color 23.9619, 23.5153, 52.5662 looks on a white background.

Color Contrast Check

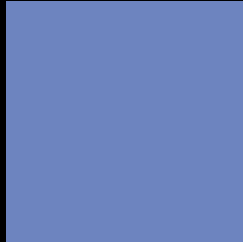
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9619, 23.5153, 52.5662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

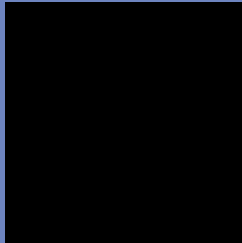
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

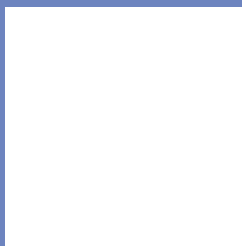
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9619, 23.5153, 52.5662

Background



This preview shows how black text looks on a background with the XYZ color 23.9619, 23.5153, 52.5662.

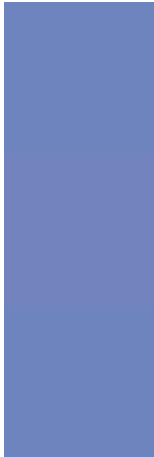


This preview shows how white text looks on a background with the XYZ color 23.9619, 23.5153,

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

23.9619, 23.5153, 52.5662

Protanopia

24.3500, 23.5277, 51.9731

Deuteranopia

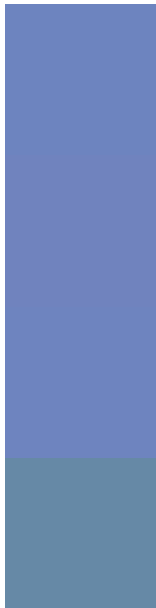
24.0856, 23.5791, 52.5720



Tritanopia

20.0010, 23.5872, 32.7768

Trichromacy



Original Color

23.9619, 23.5153, 52.5662

Protanomaly

24.0927, 23.3950, 51.9611

Deuteranomaly

24.0856, 23.5791, 52.5720

Tritanomaly

21.3081, 23.4693, 39.4834

Monochromacy



Original Color

23.9619, 23.5153, 52.5662

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3132, 23.0875, 33.4173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9619, 23.5153, 52.5662 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(109, 132, 191)` looks like.

```
.text, #text, p{  
    color:rgb(109, 132, 191)  
}
```

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(109, 132, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 132, 191) }
```

Border

The CSS property to change the border of an element to XYZ 23.9619, 23.5153, 52.5662 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(109, 132, 191) }
```


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

```
.border{ border-color:rgb(109, 132, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 132, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 132, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 132, 191);  
box-shadow:4px 4px 4px 4px rgb(109, 132,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9619, 23.5153, 52.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 132, 191) }
```

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

```
.background{ background-color: rgb(109,  
132, 191) }
```

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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