

Converting Colors

XYZ(24.7902, 23.9152, 62.4698)

Have a look what the booklet for
XYZ(24.7902, 23.9152, 62.4698)
contains.

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Color

**XYZ(24.7956, 23.9327,
62.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	6385CF
RGB	99, 133, 207
RGB Percent	39%, 52%, 81%
CMY	0.6117, 0.4784, 0.1882
CMYK	0.52, 0.36, 0.00, 0.19
HSL	221°, 53%, 60%
HSV	221°, 52%, 81%
XYZ	24.7956, 23.9327, 62.3441
YIQ	131.2700, -44.0180, 15.8060

Conversions

Conversions Part 2

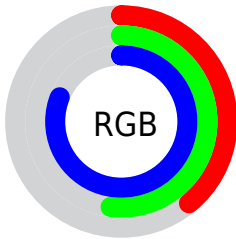
Format	Color
R _Y B	99, 125, 207
Decimal	6522319
CIE Lab	56.02, 9.05, -41.90
CIE LCh	56, 42.870, 282.189
Yxy	23.9327, 0.2232, 0.2155
Android (android.graphics.Color)	4284712399 (0xFF6385CF)
YUV	131.2700, 37.3349, -28.3008
Hunter-Lab	48.9211, 4.8607, -41.3133

Details

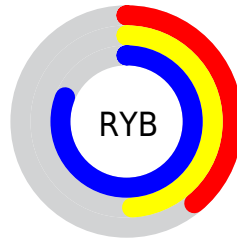
The XYZ color **24.7956, 23.9327, 62.3441** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **42.9290, 44.0551, 18.0465**, and the grayscale version is **21.5527, 22.6751, 24.6932**.

A 20% lighter version of the original color is **49.3192, 49.4057, 101.5446**, and **9.6371, 9.0197, 30.9388** is the 20% darker color. If you saturate the color by 10%, you get **21.0047, 19.2881, 61.6479**, and if you desaturate by 10%, it is **29.4301, 29.4023, 63.1560**.

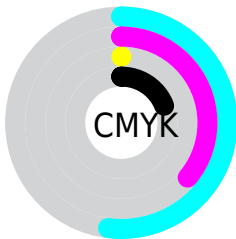
Distribution



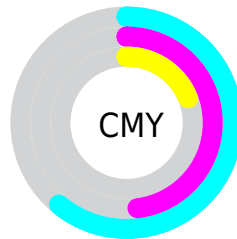
- Red (39%)
- Green (52%)
- Blue (81%)



- Red (39%)
- Yellow (49%)
- Blue (81%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7956, 23.9327, 62.3441 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 24.7956, 23.9327, 62.3441 by changing the saturation by 10% instead.

■ 24.7956, 23.9327,
62.3441

■ 24.7956, 23.9327,
62.3441

269.1849,
272.4801, 451.2274

■ 16.0528, 15.2837,
44.8732

■ 50.7707, 49.9204,
109.7991

■ 9.6526, 9.0187,
31.0154

■ 68.7337, 68.0278,
140.6203

■ 5.2297, 4.7534,
20.3520

■ 90.5008, 90.0569,
176.7287

■ 2.4188, 2.1033,
12.4645

■ 116.4373,
116.3919, 218.5428

■ 0.8545, 0.6665,
6.9345

146.9086,
147.4174, 266.4812

■ 0.0000, 0.0000,
3.3434

182.2801,

■ 0.0000, 0.0000,

183.5176, 320.9624

1.2725

222.9171,
225.0770, 382.4050

■ 0.0000, 0.0000,
0.0391

■ 0.0000, 0.0000,
0.0000

■ 24.7956, 23.9327,
62.3441

■ 24.7956, 23.9327,
62.3441

■ 21.0047, 19.2881,
61.6479

■ 29.4301, 29.4023,
63.1560

■ 17.9990, 15.4216,
61.0600

■ 34.9557, 35.7348,
64.0871

■ 15.7164, 12.2852,
60.5749

■ 41.4196, 42.9687,
65.1427

■ 14.0827, 9.8228,
60.1857

■ 48.8645, 51.1394,
66.3274

■ 13.1623, 8.3044,
59.9412

■ 57.3307, 60.2802,
67.6456

■ 66.8558, 70.4226,
69.1012

■ 77.4758, 81.5967,
70.6983

■ 85.6020, 91.9639,
72.2711

■ 88.2626, 97.2850,
73.1579

Harmonies

Analogous

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



19.9847, 23.9327, 61.1264



24.7956, 23.9327, 62.3441



29.6814, 23.9327, 51.6081

Triad

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



24.7956, 23.9327, 62.3441



30.4688, 23.9327, 11.8108



14.9029, 23.9327, 18.6441

Complementary

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



24.7956, 23.9327, 62.3441



42.9290, 44.0551, 18.0465

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.



16.9872, 23.9327, 10.7402



24.7956, 23.9327, 62.3441



25.7535, 23.9327, 7.8833

Square

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



24.7956, 23.9327, 62.3441



33.2583, 23.9327, 20.7655



20.8151, 23.9327, 7.5785



14.7232, 23.9327, 32.1825

Rectangle

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



24.7956, 23.9327, 62.3441



32.1424, 23.9327, 40.7883



20.8151, 23.9327, 7.5785



15.3885, 23.9327, 15.3857

Sweetspot

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



24.7965, 23.9335, 62.3447



73.3210, 76.5084, 105.5109



34.9828, 50.2884, 47.2977



15.1622, 15.7925, 22.4991



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.



24.7965, 23.9335, 62.3447



32.8156, 29.8453, 98.6389



23.3058, 17.3378, 61.1501



11.4630, 12.0163, 14.9589



8.3681, 5.3828, 37.7904



0.5387, 0.4426, 2.1366

Inverse Universe

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



34.4284, 23.8836, 24.9864



50.3787, 31.3697, 30.1564



45.1082, 56.1172, 20.2599



11.9599, 11.8687, 13.0644



16.8546, 8.6147, 4.1403



0.9781, 0.4960, 0.4197

Previews

White Background



This preview shows how the XYZ color 24.7956, 23.9327, 62.3441 looks on a white background.

Color Contrast Check

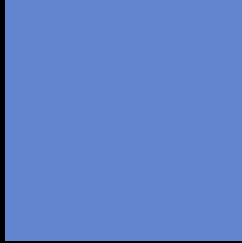
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7956, 23.9327, 62.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

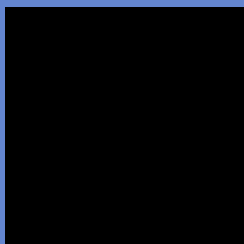
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

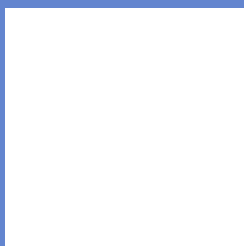
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7956, 23.9327, 62.3441

Background



This preview shows how black text looks on a background with the XYZ color 24.7956, 23.9327, 62.3441.

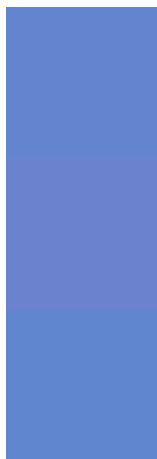


This preview shows how white text looks on a background with the XYZ color 24.7956, 23.9327,

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

24.7956, 23.9327, 62.3441

Protanopia

25.3203, 23.8146, 61.6547

Deuteranopia

24.6115, 24.0420, 62.3749



Tritanopia

19.2830, 24.0624, 34.6385

Trichromacy



Original Color

24.7956, 23.9327, 62.3441

Protanomaly

25.1008, 23.9018, 61.6831

Deuteranomaly

24.7173, 24.0966, 62.3798

Tritanomaly

21.0426, 23.8869, 43.5460

Monochromacy



Original Color

24.7956, 23.9327, 62.3441

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1170, 22.9277, 36.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7956, 23.9327, 62.3441 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(99, 133, 207)` looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 207)  
}
```

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(99, 133, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 207) }
```

Border

The CSS property to change the border of an element to XYZ 24.7956, 23.9327, 62.3441 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(99, 133, 207) }
```


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

```
.border{ border-color:rgb(99, 133, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 133, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 207);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7956, 23.9327, 62.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 207) }
```

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

```
.background{ background-color: rgb(99, 133,  
207) }
```

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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