

Converting Colors

XYZ(23.2507, 25.6554, 61.8662)

Have a look what the booklet for
XYZ(23.2507, 25.6554, 61.8662)
contains.

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Color

**XYZ(23.3803, 25.7970,
62.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	4091CE
RGB	64, 145, 206
RGB Percent	25%, 57%, 81%
CMY	0.7490, 0.4314, 0.1922
CMYK	0.69, 0.30, 0.00, 0.19
HSL	206°, 59%, 53%
HSV	206°, 69%, 81%
XYZ	23.3803, 25.7970, 62.1396
YIQ	127.7350, -67.8570, 1.7990

Conversions

Conversions Part 2

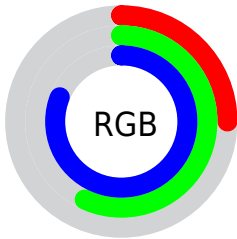
Format	Color
R _Y B	64, 116, 206
Decimal	4231630
CIE Lab	57.84, -5.01, -38.58
CIE LCh	58, 38.901, 262.605
Yxy	25.7970, 0.2100, 0.2317
Android (android.graphics.Color)	4282421710 (0xFF4091CE)
YUV	127.7350, 38.5846, -55.8956
Hunter-Lab	50.7907, -6.7156, -36.9844

Details

The XYZ color **23.3803, 25.7970, 62.1396** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **33.7140, 28.1613, 8.5105**, and the grayscale version is **20.3148, 21.3728, 23.2750**.

A 20% lighter version of the original color is **47.2258, 52.5789, 102.2674**, and **9.6781, 10.4188, 30.7791** is the 20% darker color. If you saturate the color by 10%, you get **20.9797, 22.6299, 61.6553**, and if you desaturate by 10%, it is **26.3826, 29.4315, 62.6834**.

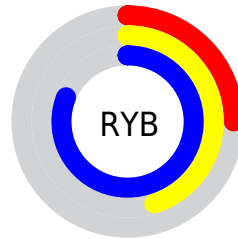
Distribution



Red (25%)

Green (57%)

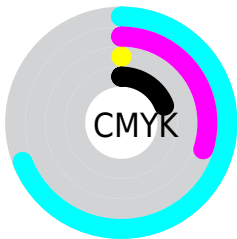
Blue (81%)



Red (25%)

Yellow (45%)

Blue (81%)

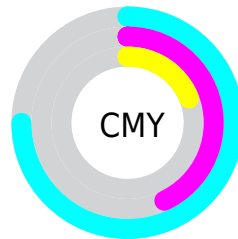


Cyan (69%)

Magenta (30%)

Yellow (0%)

Black (19%)



Cyan (75%)

Magenta (43%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3803, 25.7970, 62.1396 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 23.3803, 25.7970, 62.1396 by changing the saturation by 10% instead.

■ 23.3803, 25.7970,
62.1396

■ 23.3803, 25.7970,
62.1396

262.1713,
281.7841, 450.4618

■ 14.9968, 16.6718,
44.7090

■ 48.4791, 52.9473,
109.5008

■ 8.9034, 10.0008,
30.8870

■ 65.9251, 71.7412,
140.2685

■ 4.7349, 5.3995,
20.2551

■ 87.1227, 94.5268,
176.3190

■ 2.1257, 2.4835,
12.3947

■ 112.4372,
121.6885, 218.0708

■ 0.7031, 0.8684,
6.8873

■ 142.2339,
153.6107, 265.9424

■ 0.0000, 0.0000,
3.3143

176.8783,

■ 0.0000, 0.0000,

190.6778, 320.3524

1.2573

216.7357,
233.2741, 381.7194

■ 0.0000, 0.0000,
0.0264

■ 0.0000, 0.0000,
0.0000

■ 23.3803, 25.7970,
62.1396

■ 23.3803, 25.7970,
62.1396

■ 20.9797, 22.6299,
61.6553

■ 26.3826, 29.4315,
62.6834

■ 19.1181, 19.8932,
61.2252

■ 30.0351, 33.5605,
63.2879

■ 17.7002, 17.5343,
60.8446

■ 34.3838, 38.2117,
63.9565

■ 17.5609, 17.2967,
60.8061

■ 39.4697, 43.4092,
64.6916

■ 45.3303, 49.1756,
65.4958

■ 52.0004, 55.5318,
66.3711

■ 59.5125, 62.4976,
67.3197

■ 67.8973, 70.0917,
68.3436

■ 77.1839, 78.3320,
69.4446

Harmonies

Analogous

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



19.4547, 25.7970, 53.9111



23.3803, 25.7970, 62.1396



28.1398, 25.7970, 59.1927

Triad

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



23.3803, 25.7970, 62.1396



33.7904, 25.7970, 19.3087



18.0479, 25.7970, 15.1742

Complementary

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



23.3803, 25.7970, 62.1396



33.7140, 28.1613, 8.5105

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.



21.2234, 25.7970, 10.3937



23.3803, 25.7970, 62.1396



30.3943, 25.7970, 12.1969

Square

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



23.3803, 25.7970, 62.1396



34.5589, 25.7970, 31.5344



25.6947, 25.7970, 9.5108



16.6408, 25.7970, 24.9034

Rectangle

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



23.3803, 25.7970, 62.1396



31.1225, 25.7970, 51.6208



25.6947, 25.7970, 9.5108



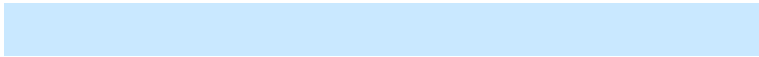
18.9231, 25.7970, 13.0802

Sweetspot

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



23.3812, 25.7979, 62.1402



71.1138, 77.4105, 105.8014



27.7723, 46.6677, 26.3394



14.6435, 16.0029, 22.5670



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.



23.3812, 25.7979, 62.1402



32.3502, 34.3195, 99.5270



15.8291, 10.6935, 59.6229



11.1240, 11.8884, 14.2788



10.9113, 10.8467, 37.4748



0.6373, 0.7084, 1.9581

Inverse Universe

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



32.3987, 18.8340, 28.7165



48.8244, 25.6964, 37.5448



45.7087, 52.1507, 12.5087



11.4759, 11.3191, 13.0409



17.7184, 8.8980, 11.5019



0.9516, 0.4741, 0.7912

Previews

White Background



This preview shows how the XYZ color 23.3803, 25.7970, 62.1396 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 23.3803, 25.7970, 62.1396 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

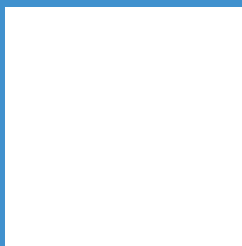
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3803, 25.7970, 62.1396

Background



This preview shows how black text looks on a background with the XYZ color 23.3803, 25.7970, 62.1396.

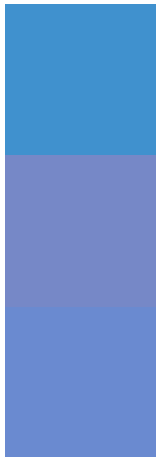


This preview shows how white text looks on a background with the XYZ color 23.3803, 25.7970,

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

23.3803, 25.7970, 62.1396

Protanopia

26.5842, 25.5834, 57.5698

Deuteranopia

26.4175, 25.7952, 63.2611



Tritanopia

18.8759, 25.8564, 39.5932

Trichromacy



Original Color

23.3803, 25.7970, 62.1396

Protanomaly

24.9303, 25.3262, 59.4516

Deuteranomaly

25.1017, 25.7789, 62.6843

Tritanomaly

20.2713, 25.6888, 47.0700

Monochromacy



Original Color

23.3803, 25.7970, 62.1396

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3515, 22.4538, 34.7139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3803, 25.7970, 62.1396 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(64, 145, 206)` looks like.

```
.text, #text, p{  
    color:rgb(64, 145, 206)  
}
```

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(64, 145, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 145, 206) }
```

Border

The CSS property to change the border of an element to XYZ 23.3803, 25.7970, 62.1396 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(64, 145, 206) }
```


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

```
.border{ border-color:rgb(64, 145, 206) }
```

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

Here you see how a box with a 4 pixel rgb(64, 145, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 145, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 145, 206);  
box-shadow:4px 4px 4px 4px rgb(64, 145,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3803, 25.7970, 62.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 145, 206) }
```

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

```
.background{ background-color: rgb(64, 145,  
206) }
```

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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