

Converting Colors

XYZ(23.7124, 25.7423, 62.1115)

Have a look what the booklet for
XYZ(23.7124, 25.7423, 62.1115)
contains.

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Color

**XYZ(23.7124, 25.7423,
62.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	4790CE
RGB	71, 144, 206
RGB Percent	28%, 56%, 81%
CMY	0.7215, 0.4353, 0.1922
CMYK	0.66, 0.30, 0.00, 0.19
HSL	208°, 58%, 54%
HSV	208°, 66%, 81%
XYZ	23.7124, 25.7423, 62.1115
YIQ	129.2410, -63.4100, 3.8060

Conversions

Conversions Part 2

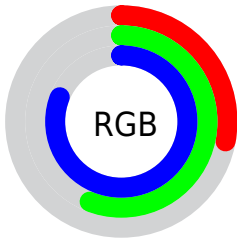
Format	Color
R_{YB}	71, 118, 206
Decimal	4690126
CIE _{Lab}	57.79, -3.31, -38.64
CIE _{LCh}	58, 38.784, 265.111
Y _{xy}	25.7423, 0.2125, 0.2307
Android (android.graphics.Color)	4282880206 (0xFF4790CE)
Y _{UV}	129.2410, 37.8422, -51.0774
Hunter-Lab	50.7369, -5.3657, -37.0663

Details

The XYZ color **23.7124, 25.7423, 62.1115** 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 **34.9801, 30.3542, 9.9780**, and the grayscale version is **20.8392, 21.9245, 23.8758**.

A 20% lighter version of the original color is **47.7598, 52.5137, 102.2267**, and **9.5886, 10.2398, 30.7493** is the 20% darker color. If you saturate the color by 10%, you get **21.0763, 22.3448, 61.5952**, and if you desaturate by 10%, it is **26.9825, 29.6457, 62.6931**.

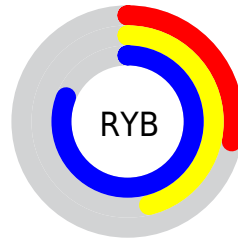
Distribution



Red (28%)

Green (56%)

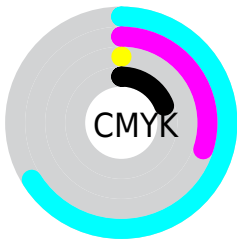
Blue (81%)



Red (28%)

Yellow (46%)

Blue (81%)

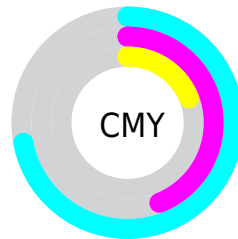


Cyan (66%)

Magenta (30%)

Yellow (0%)

Black (19%)



Cyan (72%)

Magenta (44%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7124, 25.7423, 62.1115 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 23.7124, 25.7423, 62.1115 by changing the saturation by 10% instead.

■ 23.7124, 25.7423,
62.1115

■ 23.7124, 25.7423,
62.1115

263.8308,
281.5147, 450.3566

■ 15.2440, 16.6310,
44.6864

■ 49.0186, 52.8589,
109.4598

■ 9.0782, 9.9717,
30.8694

■ 66.5870, 71.6330,
140.2202

■ 4.8498, 5.3802,
20.2418

■ 87.9196, 94.3967,
176.2627

■ 2.1932, 2.4720,
12.3851

■ 113.3816,
121.5346, 218.0059

■ 0.7392, 0.8626,
6.8808

■ 143.3383,
153.4309, 265.8683

■ 0.0000, 0.0000,
3.3103

178.1552,

■ 0.0000, 0.0000,

190.4701, 320.2686

1.2552

218.1976,
233.0366, 381.6251

■ 0.0000, 0.0000,
0.0246

■ 0.0000, 0.0000,
0.0000

■ 23.7124, 25.7423,
62.1115

■ 23.7124, 25.7423,
62.1115

■ 21.0763, 22.3448,
61.5952

■ 26.9825, 29.6457,
62.6931

■ 19.0142, 19.4167,
61.1387

■ 30.9331, 34.0821,
63.3412

■ 17.4574, 16.9186,
60.7385

■ 35.6093, 39.0792,
64.0593

■ 16.8676, 15.9102,
60.5750

■ 41.0514, 44.6615,
64.8499

■ 47.2962, 50.8519,
65.7157

■ 54.3783, 57.6720,
66.6588

■ 62.3299, 65.1419,
67.6815

■ 71.1817, 73.2810,
68.7860

■ 80.4422, 81.8393,
69.9499

Harmonies

Analogous

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



19.6966, 25.7423, 54.7506



23.7124, 25.7423, 62.1115



28.4655, 25.7423, 58.2357

Triad

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



23.7124, 25.7423, 62.1115



33.4995, 25.7423, 18.4975



17.8355, 25.7423, 15.7751

Complementary

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



23.7124, 25.7423, 62.1115



34.9801, 30.3542, 9.9780

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.



20.8621, 25.7423, 10.6358



23.7124, 25.7423, 62.1115



29.9521, 25.7423, 11.8224

Square

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



23.7124, 25.7423, 62.1115



34.5124, 25.7423, 30.2708



25.2380, 25.7423, 9.4610



16.5891, 25.7423, 25.9007

Rectangle

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



23.7124, 25.7423, 62.1115



31.3720, 25.7423, 50.2901



25.2380, 25.7423, 9.4610



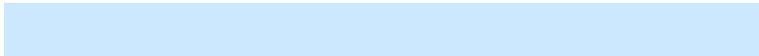
18.6582, 25.7423, 13.5516

Sweetspot

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



23.7133, 25.7432, 62.1121



71.6894, 77.5326, 105.7946



28.8188, 47.1422, 29.3225



14.7376, 15.9913, 22.5598



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.



23.7133, 25.7432, 62.1121



32.5520, 34.0012, 99.4550



16.4471, 11.2107, 59.6901



11.0958, 11.8321, 14.2694



10.4846, 9.9931, 37.3325



0.6163, 0.6663, 1.9511

Inverse Universe

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



32.7418, 19.6432, 28.4520



49.1025, 26.4823, 36.9292



47.0727, 54.5395, 14.0089



11.4617, 11.3134, 12.9661



17.5030, 8.8118, 10.3676



0.9410, 0.4698, 0.7352

Previews

White Background



This preview shows how the XYZ color 23.7124, 25.7423, 62.1115 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 23.7124, 25.7423, 62.1115 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

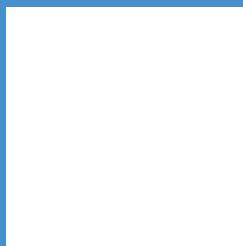
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7124, 25.7423, 62.1115

Background



This preview shows how black text looks on a background with the XYZ color 23.7124, 25.7423, 62.1115.

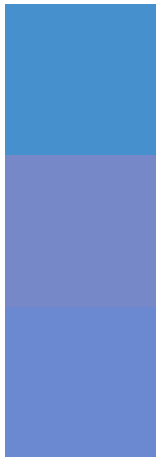


This preview shows how white text looks on a background with the XYZ color 23.7124, 25.7423,

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

23.7124, 25.7423, 62.1115

Protanopia

26.5842, 25.5834, 57.5698

Deuteranopia

26.2747, 25.5096, 63.2135



Tritanopia

19.1014, 25.7411, 39.0837

Trichromacy



Original Color

23.7124, 25.7423, 62.1115

Protanomaly

25.2601, 25.4962, 59.4670

Deuteranomaly

25.1548, 25.5883, 62.6447

Tritanomaly

20.5150, 25.5903, 46.5060

Monochromacy



Original Color

23.7124, 25.7423, 62.1115

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7952, 22.6727, 35.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7124, 25.7423, 62.1115 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(71, 144, 206)` looks like.

```
.text, #text, p{  
    color:rgb(71, 144, 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(71, 144, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 144, 206) }
```

Border

The CSS property to change the border of an element to XYZ 23.7124, 25.7423, 62.1115 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(71, 144, 206) }
```


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

```
.border{ border-color:rgb(71, 144, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 144, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 144, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 144, 206);  
box-shadow:4px 4px 4px 4px rgb(71, 144,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7124, 25.7423, 62.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 144, 206) }
```

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

```
.background{ background-color: rgb(71, 144,  
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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