

Converting Colors

XYZ(23.7195, 23.9691, 48.7240)

Have a look what the booklet for
XYZ(23.7195, 23.9691, 48.7240)
contains.

XYZ(23.6072, 23.8259, 48.7020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.6072, 23.8259,
48.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	6E86B8
RGB	110, 134, 184
RGB Percent	43%, 53%, 72%
CMY	0.5686, 0.4745, 0.2784
CMYK	0.40, 0.27, 0.00, 0.28
HSL	221°, 34%, 58%
HSV	221°, 40%, 72%
XYZ	23.6072, 23.8259, 48.7020
YIQ	132.5240, -30.3540, 10.4620

Conversions

Conversions Part 2

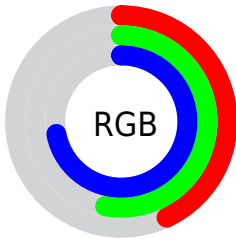
Format	Color
R _Y B	110, 128, 184
Decimal	7243448
CIE Lab	55.91, 4.33, -28.97
CIE LCh	56, 29.287, 278.494
Yxy	23.8259, 0.2456, 0.2478
Android (android.graphics.Color)	4285433528 (0xFF6E86B8)
YUV	132.5240, 25.3777, -19.7535
Hunter-Lab	48.8118, 0.9086, -24.9884

Details

The XYZ color **23.6072, 23.8259, 48.7020** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.1530, 36.4583, 19.9370**, and the grayscale version is **22.0410, 23.1889, 25.2527**.

A 20% lighter version of the original color is **48.8083, 49.7244, 89.4634**, and **9.0902, 9.0352, 22.7376** is the 20% darker color. If you saturate the color by 10%, you get **19.9327, 19.5294, 48.0668**, and if you desaturate by 10%, it is **27.9607, 28.7733, 49.4279**.

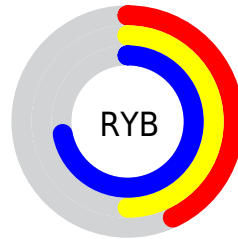
Distribution



Red (43%)

Green (53%)

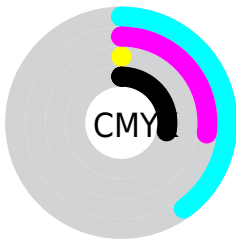
Blue (72%)



Red (43%)

Yellow (50%)

Blue (72%)

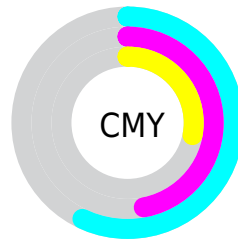


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (28%)



Cyan (57%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6072, 23.8259, 48.7020 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 23.6072, 23.8259, 48.7020 by changing the saturation by 10% instead.

■ 23.6072, 23.8259,
48.7020

■ 23.6072, 23.8259,
48.7020

263.3060,
271.9391, 398.1567

■ 15.1657, 15.2045,
34.0192

■ 48.8478, 49.7459,
89.6251

■ 9.0228, 8.9631,
22.6309

■ 66.3776, 67.8134,
116.7025

■ 4.8133, 4.7171,
14.1185

■ 87.6674, 89.7983,
148.7485

■ 2.1718, 2.0822,
8.0634

■ 113.0828,
116.0852, 186.1817

■ 0.7278, 0.6546,
4.0472

142.9890,
147.0583, 229.4205

■ 0.0000, 0.0000,
1.6513

177.7513,

■ 0.0000, 0.0000,

183.1020, 278.8836

0.3270

217.7352,
224.6008, 334.9895

■ 0.0000, 0.0000,
0.0000

■ 23.6072, 23.8259,
48.7020

■ 23.6072, 23.8259,
48.7020

■ 19.9327, 19.5294,
48.0668

■ 27.9607, 28.7733,
49.4279

■ 16.8982, 15.8518,
47.5169

■ 33.0245, 34.3962,
50.2464

■ 14.4641, 12.7624,
47.0489

■ 38.8307, 40.7210,
51.1612

■ 12.5850, 10.2262,
46.6584

■ 45.4089, 47.7719,
52.1754

■ 11.2084, 8.2035,
46.3405

■ 52.7868, 55.5718,
53.2921

■ 10.2508, 6.6587,
46.0928

■ 60.9909, 64.1427,
54.5140

■ 70.0462, 73.5056,
55.8440

■ 79.1616, 83.2603,
57.2464

■ 82.8153, 90.5678,
58.4643

Harmonies

Analogous

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



20.3732, 23.8259, 47.0795



23.6072, 23.8259, 48.7020



26.8807, 23.8259, 43.1541

Triad

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



23.6072, 23.8259, 48.7020



28.0503, 23.8259, 16.0999



17.1834, 23.8259, 19.7699

Complementary

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



23.6072, 23.8259, 48.7020



35.1530, 36.4583, 19.9370

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.



18.8809, 23.8259, 14.0504



23.6072, 23.8259, 48.7020



25.0814, 23.8259, 12.3224

Square

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



23.6072, 23.8259, 48.7020



29.6060, 23.8259, 23.3207



21.7109, 23.8259, 11.6776



16.8721, 23.8259, 28.7535

Rectangle

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



23.6072, 23.8259, 48.7020



28.5711, 23.8259, 36.7838



21.7109, 23.8259, 11.6776



17.6022, 23.8259, 17.4726

Sweetspot

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



23.6080, 23.8268, 48.7026



68.1921, 71.4385, 92.3995



29.8585, 40.1113, 39.1220



14.3996, 15.0738, 19.8722



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.6080, 23.8268, 48.7026



37.0025, 36.4333, 87.2867



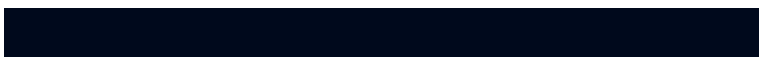
22.3017, 18.7753, 47.7964



8.7526, 9.1824, 11.3905



7.1226, 4.7049, 31.7858



0.3089, 0.2816, 1.1398

Inverse Universe

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



29.6468, 23.0642, 25.4445



49.6401, 35.6573, 38.4300



36.8957, 44.1402, 21.3280



9.1215, 9.0590, 9.9871



14.2088, 7.2573, 3.7206



0.5301, 0.2675, 0.2849

Previews

White Background



This preview shows how the XYZ color 23.6072, 23.8259, 48.7020 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 23.6072, 23.8259, 48.7020 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

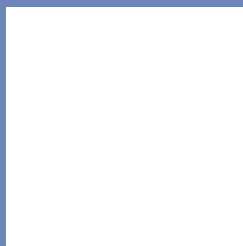
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6072, 23.8259, 48.7020

Background



This preview shows how black text looks on a background with the XYZ color 23.6072, 23.8259, 48.7020.

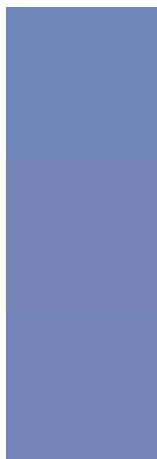


This preview shows how white text looks on a background with the XYZ color 23.6072, 23.8259,

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

23.6072, 23.8259, 48.7020

Protanopia

24.3025, 23.8019, 47.5693

Deuteranopia

24.2391, 23.7451, 48.6531



Tritanopia

20.4435, 23.8153, 32.7975

Trichromacy



Original Color

23.6072, 23.8259, 48.7020

Protanomaly

24.1372, 23.9070, 48.1421

Deuteranomaly

23.9787, 23.8132, 48.6800

Tritanomaly

21.5250, 23.8246, 38.1144

Monochromacy



Original Color

23.6072, 23.8259, 48.7020

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5125, 23.4020, 33.0363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6072, 23.8259, 48.7020 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(110, 134, 184)` looks like.

```
.text, #text, p{  
    color:rgb(110, 134, 184)  
}
```

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(110, 134, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 134, 184) }
```

Border

The CSS property to change the border of an element to XYZ 23.6072, 23.8259, 48.7020 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(110, 134, 184) }
```


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

```
.border{ border-color:rgb(110, 134, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 134, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 134, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 134, 184);  
box-shadow:4px 4px 4px 4px rgb(110, 134,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6072, 23.8259, 48.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 134, 184) }
```

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

```
.background{ background-color: rgb(110,  
134, 184) }
```

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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