

Converting Colors

XYZ(23.3778, 26.1384, 48.0122)

Have a look what the booklet for
XYZ(23.3778, 26.1384, 48.0122)
contains.

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Color

**XYZ(23.3928, 26.1150,
48.0637)**

Conversions

Conversions Part 1

Format	Color
Hex	6091B6
RGB	96, 145, 182
RGB Percent	38%, 57%, 71%
CMY	0.6235, 0.4314, 0.2863
CMYK	0.47, 0.20, 0.00, 0.29
HSL	206°, 37%, 55%
HSV	206°, 47%, 71%
XYZ	23.3928, 26.1150, 48.0637
YIQ	134.5670, -41.0810, 1.1190

Conversions

Conversions Part 2

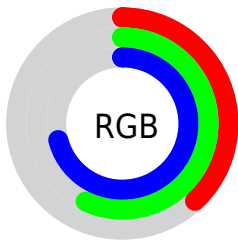
Format	Color
R_{YB}	96, 127, 182
Decimal	6328758
CIE _{Lab}	58.15, -6.25, -24.44
CIE _{LCh}	58, 25.231, 255.650
Yxy	26.1150, 0.2398, 0.2676
Android (android.graphics.Color)	4284518838 (0xFF6091B6)
YUV	134.5670, 23.3845, -33.8233
Hunter-Lab	51.1028, -7.7199, -19.9920

Details

The XYZ color **23.3928, 26.1150, 48.0637** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.7910, 27.5656, 14.8179**, and the grayscale version is **22.7969, 23.9841, 26.1187**.

A 20% lighter version of the original color is **48.6185, 53.5992, 88.6721**, and **8.9297, 10.2205, 22.2710** is the 20% darker color. If you saturate the color by 10%, you get **20.5396, 22.9292, 47.5996**, and if you desaturate by 10%, it is **26.7735, 29.6963, 48.5773**.

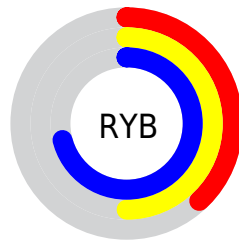
Distribution



Red (38%)

Green (57%)

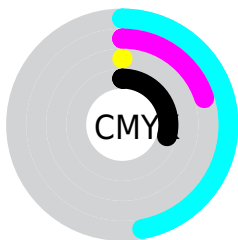
Blue (71%)



Red (38%)

Yellow (50%)

Blue (71%)

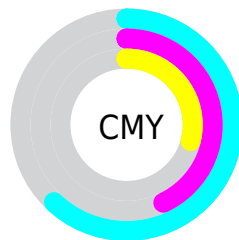


Cyan (47%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3928, 26.1150, 48.0637 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 23.3928, 26.1150, 48.0637 by changing the saturation by 10% instead.

■ 23.3928, 26.1150,
48.0637

■ 23.3928, 26.1150,
48.0637

262.2339,
283.3461, 395.5606

■ 15.0061, 16.9097,
33.5170

■ 48.4994, 53.4604,
88.6658

■ 8.9100, 10.1701,
22.2484

■ 65.9501, 72.3693,
115.5582

■ 4.7392, 5.5119,
13.8395

■ 87.1527, 95.2815,
147.4030

■ 2.1282, 2.5506,
7.8716

■ 112.4728,
122.5814, 184.6186

■ 0.7045, 0.9019,
3.9263

142.2756,
154.6535, 227.6236

■ 0.0000, 0.0000,
1.5850

176.9265,

■ 0.0000, 0.0000,

191.8820, 276.8366

0.2801

216.7908,
234.6514, 332.6761

■ 0.0000, 0.0000,
0.0000

■ 23.3928, 26.1150,
48.0637

■ 23.3928, 26.1150,
48.0637

■ 20.5396, 22.9292,
47.5996

■ 26.7735, 29.6963,
48.5773

■ 18.1786, 20.1165,
47.1812

■ 30.7087, 33.6877,
49.1403

■ 16.2739, 17.6566,
46.8068

■ 35.2267, 38.1067,
49.7551

■ 14.7830, 15.5249,
46.4739

■ 40.3527, 42.9685,
50.4233

■ 13.6449, 13.6871,
46.1791

■ 46.1107, 48.2877,
51.1466

■ 13.3636, 13.2174,
46.1033

■ 52.5231, 54.0779,
51.9262

■ 59.6112, 60.3523,
52.7637

■ 67.3954, 67.1234,
53.6604

■ 74.1051, 73.4804,
54.5338

Harmonies

Analogous

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



20.9346, 26.1150, 42.2534



23.3928, 26.1150, 48.0637



26.4414, 26.1150, 47.9236

Triad

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



23.3928, 26.1150, 48.0637



30.9237, 26.1150, 24.1305



20.8505, 26.1150, 18.2145

Complementary

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



23.3928, 26.1150, 48.0637



29.7910, 27.5656, 14.8179

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.



23.2692, 26.1150, 15.1084



23.3928, 26.1150, 48.0637



29.1620, 26.1150, 18.0146

Square

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



23.3928, 26.1150, 48.0637



30.9636, 26.1150, 32.8151



26.3073, 26.1150, 15.0437



19.5506, 26.1150, 24.4627

Rectangle

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



23.3928, 26.1150, 48.0637



28.4080, 26.1150, 44.4276



26.3073, 26.1150, 15.0437



21.5504, 26.1150, 16.8305

Sweetspot

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



23.3937, 26.1160, 48.0643



66.5477, 71.6571, 90.5595



25.7061, 37.6047, 27.6747



14.2724, 15.4192, 19.9456



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.



23.3937, 26.1160, 48.0643



36.9033, 41.1839, 86.2400



18.1352, 15.5990, 46.3115



8.9343, 9.5459, 11.4511



9.5042, 9.4680, 32.5797



0.3952, 0.4541, 1.1686

Inverse Universe

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



28.5859, 20.3561, 29.2115



47.8600, 30.7825, 46.0633



36.7009, 41.3853, 17.1212



9.2132, 9.0957, 10.4701



15.4109, 7.7381, 10.0507



0.5736, 0.2849, 0.5143

Previews

White Background



This preview shows how the XYZ color 23.3928, 26.1150, 48.0637 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 23.3928, 26.1150, 48.0637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

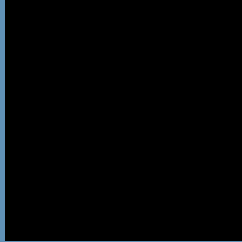
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3928, 26.1150, 48.0637

Background



This preview shows how black text looks on a background with the XYZ color 23.3928, 26.1150, 48.0637.



This preview shows how white text looks on a background with the XYZ color 23.3928, 26.1150,

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

23.3928, 26.1150, 48.0637

Protanopia

26.0776, 26.0184, 45.2426

Deuteranopia

26.4995, 25.9412, 48.9579



Tritanopia

21.3003, 26.1919, 37.6511

Trichromacy



Original Color

23.3928, 26.1150, 48.0637

Protanomaly

24.9977, 26.0863, 46.3655

Deuteranomaly

25.1278, 25.8881, 48.4723

Tritanomaly

22.1650, 26.3197, 41.4481

Monochromacy



Original Color

23.3928, 26.1150, 48.0637

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7853, 24.7972, 33.2912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3928, 26.1150, 48.0637 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(96, 145, 182) looks like.

```
.text, #text, p{  
    color:rgb(96, 145, 182)  
}
```

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(96, 145, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 145, 182) }
```

Border

The CSS property to change the border of an element to XYZ 23.3928, 26.1150, 48.0637 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(96, 145, 182) }
```


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

```
.border{ border-color:rgb(96, 145, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 145, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 145, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 145, 182);  
box-shadow:4px 4px 4px 4px rgb(96, 145,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3928, 26.1150, 48.0637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 145, 182) }
```

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

```
.background{ background-color: rgb(96, 145,  
182) }
```

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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