

Converting Colors

XYZ(23.3276, 26.3498, 48.9851)

Have a look what the booklet for
XYZ(23.3276, 26.3498, 48.9851)
contains.

XYZ(23.3442, 26.2938, 49.1922)	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(23.3442, 26.2938,
49.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	5C92B8
RGB	92, 146, 184
RGB Percent	36%, 57%, 72%
CMY	0.6392, 0.4274, 0.2784
CMYK	0.50, 0.21, 0.00, 0.28
HSL	205°, 39%, 54%
HSV	205°, 50%, 72%
XYZ	23.3442, 26.2938, 49.1922
YIQ	134.1860, -44.3820, 0.3700

Conversions

Conversions Part 2

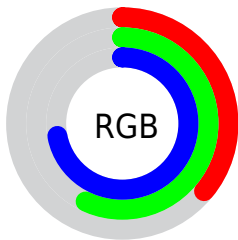
Format	Color
R_{YB}	92, 126, 184
Decimal	6066872
CIE _{Lab}	58.31, -7.20, -25.34
CIE _{LCh}	58, 26.338, 254.139
Yxy	26.2938, 0.2362, 0.2661
Android (android.graphics.Color)	4284256952 (0xFF5C92B8)
YUV	134.1860, 24.5583, -36.9971
Hunter-Lab	51.2775, -8.4730, -20.9846

Details

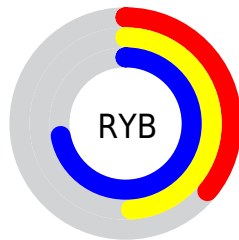
The XYZ color **23.3442, 26.2938, 49.1922** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.6821, 26.9289, 13.7594**, and the grayscale version is **22.6533, 23.8331, 25.9542**.

A 20% lighter version of the original color is **48.4151, 53.8029, 90.2713**, and **8.9393, 10.3445, 22.9983** is the 20% darker color. If you saturate the color by 10%, you get **20.5918, 23.1936, 48.7394**, and if you desaturate by 10%, it is **26.6226, 29.7819, 49.6932**.

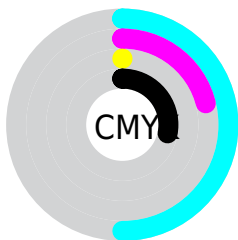
Distribution



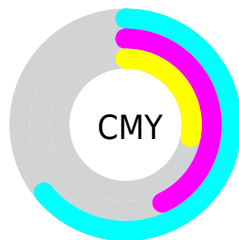
- Red (36%)
- Green (57%)
- Blue (72%)



- Red (36%)
- Yellow (49%)
- Blue (72%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3442, 26.2938, 49.1922 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 23.3442, 26.2938, 49.1922 by changing the saturation by 10% instead.

■ 23.3442, 26.2938,
49.1922

■ 23.3442, 26.2938,
49.1922

261.9904,
284.2214, 400.1427

■ 14.9700, 17.0436,
34.4053

■ 48.4204, 53.7485,
90.3608

■ 8.8845, 10.2656,
22.9253

■ 65.8531, 72.7218,
117.5795

■ 4.7224, 5.5754,
14.3335

■ 87.0359, 95.7049,
149.7793

■ 2.1184, 2.5887,
8.2116

■ 112.3343,
123.0822, 187.3787

■ 0.6992, 0.9210,
4.1409

142.1136,
155.2381, 230.7962

■ 0.0000, 0.0000,
1.7030

176.7392,

■ 0.0000, 0.0000,

192.5570, 280.4503

0.3628

216.5763,
235.4233, 336.7596

■ 0.0000, 0.0000,
0.0000

■ 23.3442, 26.2938,
49.1922

■ 23.3442, 26.2938,
49.1922

■ 20.5918, 23.1936,
48.7394

■ 26.6226, 29.7819,
49.6932

■ 18.3284, 20.4584,
48.3307

■ 30.4555, 33.6730,
50.2422

■ 16.5159, 18.0667,
47.9646

■ 34.8722, 37.9850,
50.8417

■ 15.1086, 15.9927,
47.6384

■ 39.8991, 42.7336,
51.4933

■ 14.0147, 14.1865,
47.3475

■ 45.5608, 47.9334,
52.1986

■ 14.0146, 14.1862,
47.3474

■ 51.8808, 53.5984,
52.9590

■ 58.8809, 59.7420,
53.7758

■ 66.5822, 66.3767,
54.6506

■ 74.0402, 73.0174,
55.5393

Harmonies

Analogous

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



20.8233, 26.2938, 42.7688



23.3442, 26.2938, 49.1922



26.5278, 26.2938, 49.3895

Triad

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



23.3442, 26.2938, 49.1922



31.4588, 26.2938, 24.5296



20.9395, 26.2938, 17.7363

Complementary

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



23.3442, 26.2938, 49.1922



29.6821, 26.9289, 13.7594

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.



23.5156, 26.2938, 14.6949



23.3442, 26.2938, 49.1922



29.6818, 26.2938, 18.0104

Square

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



23.3442, 26.2938, 49.1922



31.4029, 26.2938, 33.7309



26.7145, 26.2938, 14.7831



19.5181, 26.2938, 24.0702

Rectangle

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



23.3442, 26.2938, 49.1922



28.6132, 26.2938, 45.8697



26.7145, 26.2938, 14.7831



21.6890, 26.2938, 16.3617

Sweetspot

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



23.3451, 26.2948, 49.1928



67.4001, 72.8438, 92.7125



25.5040, 38.1365, 26.7170



14.1259, 15.3202, 19.9342



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.



23.3451, 26.2948, 49.1928



36.8762, 41.5164, 88.2745



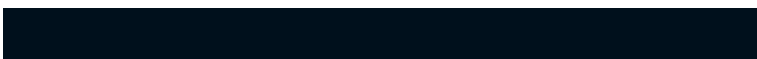
17.7392, 15.0831, 47.3242



8.9473, 9.5718, 11.4554



9.7297, 9.9190, 32.6548



0.4024, 0.4686, 1.1710

Inverse Universe

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



28.7833, 19.9207, 29.5232



48.2739, 30.1241, 46.6091



36.9906, 41.5458, 16.1955



9.2197, 9.0983, 10.5045



15.5248, 7.7837, 10.6502



0.5773, 0.2864, 0.5335

Previews

White Background



This preview shows how the XYZ color 23.3442, 26.2938, 49.1922 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 23.3442, 26.2938, 49.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

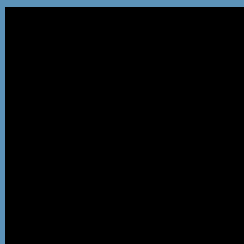
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

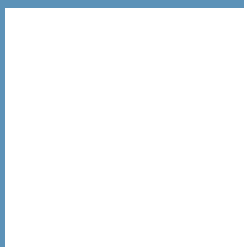
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3442, 26.2938, 49.1922

Background



This preview shows how black text looks on a background with the XYZ color 23.3442, 26.2938, 49.1922.

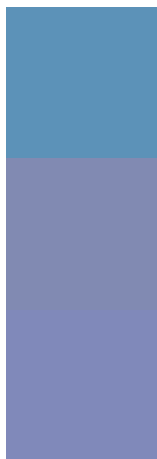


This preview shows how white text looks on a background with the XYZ color 23.3442, 26.2938,

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

23.3442, 26.2938, 49.1922

Protanopia

26.1776, 26.0584, 45.7696

Deuteranopia

26.7107, 26.0257, 50.0700



Tritanopia

21.1742, 26.3526, 38.1530

Trichromacy



Original Color

23.3442, 26.2938, 49.1922

Protanomaly

24.9656, 26.0580, 46.8939

Deuteranomaly

25.2053, 25.9038, 49.5704

Tritanomaly

22.0276, 26.4719, 41.9788

Monochromacy



Original Color

23.3442, 26.2938, 49.1922

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3637, 24.3659, 33.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3442, 26.2938, 49.1922 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(92, 146, 184)` looks like.

```
.text, #text, p{  
    color:rgb(92, 146, 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(92, 146, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 146, 184) }
```

Border

The CSS property to change the border of an element to XYZ 23.3442, 26.2938, 49.1922 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(92, 146, 184) }
```


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

```
.border{ border-color:rgb(92, 146, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 146, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 146, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 146, 184);  
box-shadow:4px 4px 4px 4px rgb(92, 146,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3442, 26.2938, 49.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 146, 184) }
```

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

```
.background{ background-color: rgb(92, 146,  
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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