

Converting Colors

XYZ(23.2760, 26.2145, 60.9794)

Have a look what the booklet for
XYZ(23.2760, 26.2145, 60.9794)
contains.

XYZ(23.2573, 26.2192, 60.9618)	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(23.2573, 26.2192,
60.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	3D93CC
RGB	61, 147, 204
RGB Percent	24%, 58%, 80%
CMY	0.7607, 0.4235, 0.2000
CMYK	0.70, 0.28, 0.00, 0.20
HSL	204°, 58%, 52%
HSV	204°, 70%, 80%
XYZ	23.2573, 26.2192, 60.9618
YIQ	127.7840, -69.5530, -0.5050

Conversions

Conversions Part 2

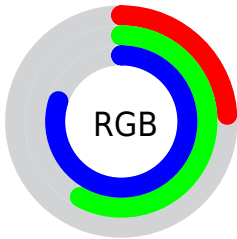
Format	Color
R_{YB}	61, 115, 204
Decimal	4035532
CIE _{Lab}	58.24, -7.28, -36.83
CIE _{LCh}	58, 37.546, 258.813
Yxy	26.2192, 0.2106, 0.2374
Android (android.graphics.Color)	4282225612 (0xFF3D93CC)
YUV	127.7840, 37.5745, -58.5696
Hunter-Lab	51.2047, -8.5330, -34.7445

Details

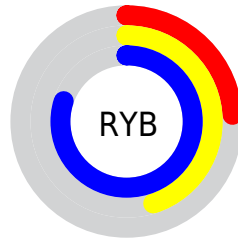
The XYZ color **23.2573, 26.2192, 60.9618** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **32.2241, 26.1333, 7.7620**, and the grayscale version is **20.3356, 21.3947, 23.2988**.

A 20% lighter version of the original color is **47.2488, 53.2784, 102.4012**, and **9.6995, 10.7193, 29.9916** is the 20% darker color. If you saturate the color by 10%, you get **21.0119, 23.2507, 60.5077**, and if you desaturate by 10%, it is **26.0713, 29.6144, 61.4694**.

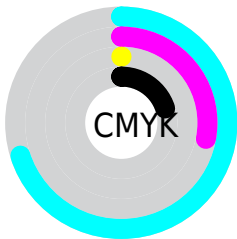
Distribution



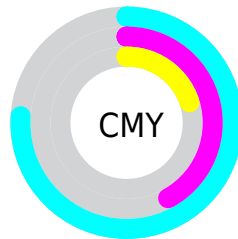
- Red (24%)
- Green (58%)
- Blue (80%)



- Red (24%)
- Yellow (45%)
- Blue (80%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2573, 26.2192, 60.9618 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 23.2573, 26.2192, 60.9618 by changing the saturation by 10% instead.

■ 23.2573, 26.2192,
60.9618

■ 23.2573, 26.2192,
60.9618

261.5545,
283.8565, 446.0366

■ 14.9054, 16.9877,
43.7640

■ 48.2790, 53.6284,
107.7806

■ 8.8389, 10.2257,
30.1492

■ 65.6795, 72.5748,
138.2387

■ 4.6925, 5.5489,
19.6988

■ 86.8269, 95.5284,
173.9539

■ 2.1009, 2.5728,
11.9944

■ 112.0865,
122.8734, 215.3449

■ 0.6897, 0.9130,
6.6174

■ 141.8237,
154.9943, 262.8301

■ 0.0000, 0.0000,
3.1492

176.4039,

■ 0.0000, 0.0000,

192.2756, 316.8281

1.1713

216.1924,
235.1015, 377.7574

■ 0.0000, 0.0000,
0.0000

■ 23.2573, 26.2192,
60.9618

■ 23.2573, 26.2192,
60.9618

■ 21.0119, 23.2507,
60.5077

■ 26.0713, 29.6144,
61.4694

■ 19.2731, 20.6730,
60.1018

■ 29.5015, 33.4621,
62.0313

■ 17.9428, 18.4469,
59.7422

■ 33.5930, 37.7888,
62.6507

■ 38.3858, 42.6173,
63.3301

■ 43.9164, 47.9690,
64.0716

■ 50.2185, 53.8638,
64.8773

■ 57.3240, 60.3202,
65.7490

■ 65.2624, 67.3558,
66.6886

■ 74.0622, 74.9875,
67.6978

Harmonies

Analogous

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



19.5793, 26.2192, 51.9327



23.2573, 26.2192, 60.9618



27.8575, 26.2192, 59.5390

Triad

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



23.2573, 26.2192, 60.9618



34.1794, 26.2192, 21.1895



18.8853, 26.2192, 14.9955

Complementary

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



23.2573, 26.2192, 60.9618



32.2241, 26.1333, 7.7620

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.



22.1977, 26.2192, 10.7608



23.2573, 26.2192, 60.9618



31.1543, 26.2192, 13.5095

Square

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



23.2573, 26.2192, 60.9618



34.5535, 26.2192, 33.7044



26.6613, 26.2192, 10.3159



17.2683, 26.2192, 23.9468

Rectangle

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



23.2573, 26.2192, 60.9618



30.8324, 26.2192, 52.9359



26.6613, 26.2192, 10.3159



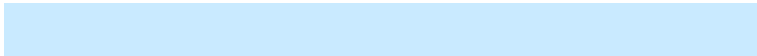
19.8173, 26.2192, 13.1073

Sweetspot

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



23.2582, 26.2201, 60.9625



71.5830, 78.3488, 105.9577



26.6602, 45.4354, 23.8338



14.7552, 16.2264, 22.6043



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.



23.2582, 26.2201, 60.9625



33.2593, 36.2930, 99.8600



15.5268, 10.7571, 58.3853



11.1535, 11.9474, 14.2886



11.3865, 11.7969, 37.6332



0.6604, 0.7545, 1.9658

Inverse Universe

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



31.8379, 18.2826, 29.4554



49.2455, 25.7198, 40.2090



43.5826, 48.8505, 11.5482



11.4908, 11.3251, 13.1193



17.9583, 8.9939, 12.7648



0.9633, 0.4787, 0.8524

Previews

White Background



This preview shows how the XYZ color 23.2573, 26.2192, 60.9618 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 23.2573, 26.2192, 60.9618 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

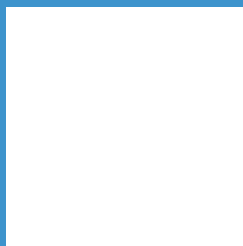
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2573, 26.2192, 60.9618

Background



This preview shows how black text looks on a background with the XYZ color 23.2573, 26.2192, 60.9618.

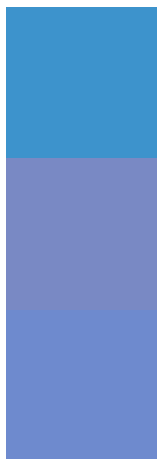


This preview shows how white text looks on a background with the XYZ color 23.2573, 26.2192,

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

23.2573, 26.2192, 60.9618

Protanopia

26.7946, 25.9418, 55.8196

Deuteranopia

26.6595, 25.9482, 61.9959



Tritanopia

19.1579, 26.2246, 40.6113

Trichromacy



Original Color

23.2573, 26.2192, 60.9618

Protanomaly

24.9793, 25.8259, 57.7012

Deuteranomaly

24.9580, 25.7328, 61.4091

Tritanomaly

20.3011, 25.9421, 47.1174

Monochromacy



Original Color

23.2573, 26.2192, 60.9618

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3736, 22.6713, 34.7547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2573, 26.2192, 60.9618 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(61, 147, 204)` looks like.

```
.text, #text, p{  
    color:rgb(61, 147, 204)  
}
```

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(61, 147, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 147, 204) }
```

Border

The CSS property to change the border of an element to XYZ 23.2573, 26.2192, 60.9618 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(61, 147, 204) }
```


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

```
.border{ border-color:rgb(61, 147, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 147, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 147, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 147, 204);  
box-shadow:4px 4px 4px 4px rgb(61, 147,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2573, 26.2192, 60.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 147, 204) }
```

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

```
.background{ background-color: rgb(61, 147,  
204) }
```

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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