

Converting Colors

XYZ(26.2372, 30.2731, 56.6850)

Have a look what the booklet for
XYZ(26.2372, 30.2731, 56.6850)
contains.

XYZ(26.2372, 30.2731, 56.6850)	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(26.2372, 30.2731,
56.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9DC4
RGB	90, 157, 196
RGB Percent	35%, 62%, 77%
CMY	0.6470, 0.3843, 0.2314
CMYK	0.54, 0.20, 0.00, 0.23
HSL	202°, 47%, 56%
HSV	202°, 54%, 77%
XYZ	26.2372, 30.2731, 56.6850
YIQ	141.4130, -52.4510, -2.0750

Conversions

Conversions Part 2

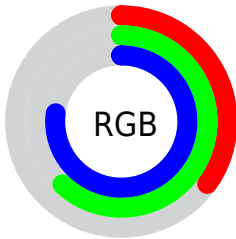
Format	Color
R_{YB}	90, 131, 196
Decimal	5938628
CIE _{Lab}	61.89, -10.17, -26.60
CIE _{LCh}	62, 28.478, 249.076
Yxy	30.2731, 0.2318, 0.2674
Android (android.graphics.Color)	4284128708 (0xFF5A9DC4)
YUV	141.4130, 26.9114, -45.0892
Hunter-Lab	55.0210, -11.1676, -22.5684

Details

The XYZ color **26.2372, 30.2731, 56.6850** 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 **32.4616, 28.1756, 13.4015**, and the grayscale version is **25.3928, 26.7152, 29.0929**.

A 20% lighter version of the original color is **53.3057, 60.3819, 101.7739**, and **10.4374, 12.4677, 27.4476** is the 20% darker color. If you saturate the color by 10%, you get **23.3920, 27.0488, 56.2132**, and if you desaturate by 10%, it is **29.6590, 33.9028, 57.2058**.

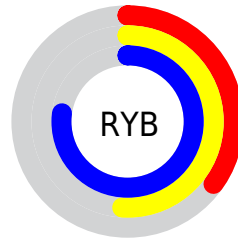
Distribution



Red (35%)

Green (62%)

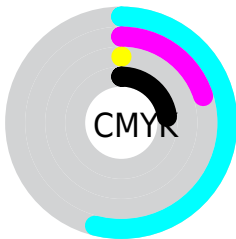
Blue (77%)



Red (35%)

Yellow (51%)

Blue (77%)

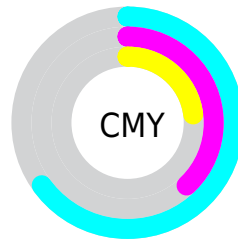


Cyan (54%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (65%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2372, 30.2731, 56.6850 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 26.2372, 30.2731, 56.6850 by changing the saturation by 10% instead.

■ 26.2372, 30.2731,
56.6850

■ 26.2372, 30.2731,
56.6850

276.1799,
303.1754, 429.7285

■ 17.1348, 20.0460,
40.3447

■ 53.0859, 60.0938,
101.5012

■ 10.4265, 12.4285,
27.4916

■ 71.5630, 80.4562,
130.8142

■ 5.7471, 7.0362,
17.7071

■ 93.8956, 104.9657,
165.2885

■ 2.7311, 3.4847,
10.5726

■ 120.4492,
134.0069, 205.3426

■ 1.0132, 1.3897,
5.6697

151.5890,
167.9640, 251.3951

■ 0.0000, 0.2091,
2.5798

187.6805,

■ 0.0000, 0.0000,

207.2216, 303.8646

0.8820

229.0891,
252.1639, 363.1696

■ 0.0000, 0.0000,
0.0000

■ 26.2372, 30.2731,
56.6850

■ 26.2372, 30.2731,
56.6850

■ 23.3920, 27.0488,
56.2132

■ 29.6590, 33.9028,
57.2058

■ 21.0788, 24.2033,
55.7858

■ 33.6917, 37.9554,
57.7755

■ 19.2506, 21.7110,
55.4011

■ 38.3701, 42.4515,
58.3968

■ 17.8497, 19.5402,
55.0560

■ 43.7256, 47.4087,
59.0713

■ 17.1575, 18.3727,
54.8671

■ 49.7873, 52.8437,
59.8009

■ 56.5825, 58.7723,
60.5871

■ 64.1371, 65.2094,
61.4314

■ 72.4756, 72.1692,
62.3353

■ 77.2999, 77.4375,
63.0979

Harmonies

Analogous

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



23.4556, 30.2731, 48.0263



26.2372, 30.2731, 56.6850



29.9442, 30.2731, 58.3083

Triad

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



26.2372, 30.2731, 56.6850



36.6266, 30.2731, 29.7637



24.4006, 30.2731, 19.2161

Complementary

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



26.2372, 30.2731, 56.6850



32.4616, 28.1756, 13.4015

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.



27.6340, 30.2731, 16.2886



26.2372, 30.2731, 56.6850



34.8403, 30.2731, 21.4321

Square

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



26.2372, 30.2731, 56.6850



36.1690, 30.2731, 41.0326



31.4686, 30.2731, 16.9988



22.4620, 30.2731, 26.0262

Rectangle

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



26.2372, 30.2731, 56.6850



32.4807, 30.2731, 54.8957



31.4686, 30.2731, 16.9988



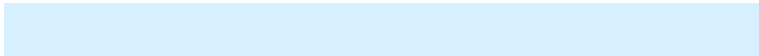
25.3600, 30.2731, 17.8220

Sweetspot

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



26.2382, 30.2742, 56.6857



76.9967, 83.8598, 106.7361



27.9109, 43.2357, 27.5979



16.0363, 17.5408, 22.7905



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.



26.2382, 30.2742, 56.6857



41.4893, 47.9471, 101.6757



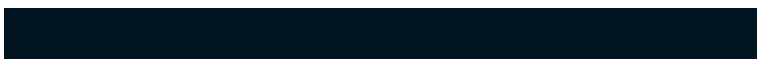
19.1450, 16.0878, 54.3213



10.0469, 10.7852, 12.8370



11.1088, 11.9740, 35.2823



0.5439, 0.6453, 1.5458

Inverse Universe

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



32.5078, 21.4834, 34.3327



54.5727, 32.3422, 54.4150



41.3118, 45.8761, 16.3515



10.3350, 10.1826, 11.8546



17.0032, 8.4910, 13.1946



0.7669, 0.3798, 0.7401

Previews

White Background



This preview shows how the XYZ color 26.2372, 30.2731, 56.6850 looks on a white background.

Color Contrast Check

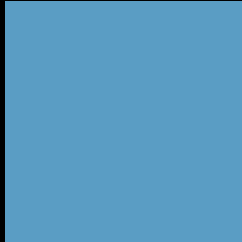
Large Text (above 18pt) WCAG AA × Fail

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 26.2372, 30.2731, 56.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

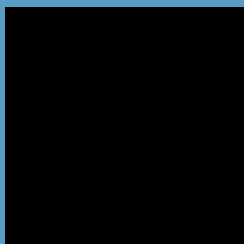
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

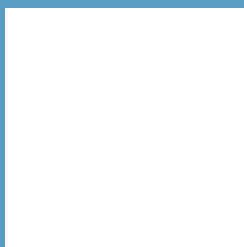
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2372, 30.2731, 56.6850

Background



This preview shows how black text looks on a background with the XYZ color 26.2372, 30.2731, 56.6850.

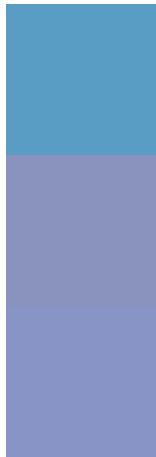


This preview shows how white text looks on a background with the XYZ color 26.2372, 30.2731,

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

26.2372, 30.2731, 56.6850

Protanopia

30.1003, 29.9448, 52.3376

Deuteranopia

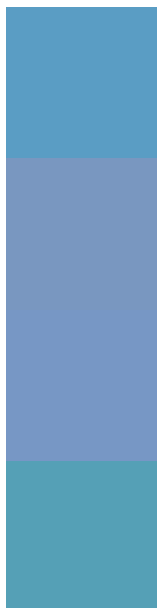
30.7801, 30.1789, 57.6289



Tritanopia

23.8645, 30.3396, 44.6427

Trichromacy



Original Color

26.2372, 30.2731, 56.6850

Protanomaly

28.4662, 30.0039, 54.1602

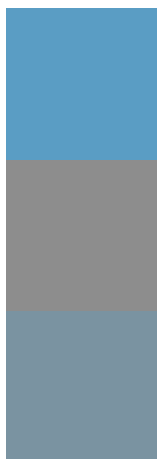
Deuteranomaly

28.7524, 30.0864, 57.1152

Tritanomaly

24.7606, 30.4503, 48.8284

Monochromacy



Original Color

26.2372, 30.2731, 56.6850

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8928, 27.5782, 37.7294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2372, 30.2731, 56.6850 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(90, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(90, 157, 196)  
}
```

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(90, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 157, 196) }
```

Border

The CSS property to change the border of an element to XYZ 26.2372, 30.2731, 56.6850 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(90, 157, 196) }
```


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

```
.border{ border-color:rgb(90, 157, 196) }
```

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

Here you see how a box with a 4 pixel rgb(90, 157, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(90, 157,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2372, 30.2731, 56.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 157, 196) }
```

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

```
.background{ background-color: rgb(90, 157,  
196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor