

Converting Colors

XYZ(26.3725, 29.9640, 65.5433)

Have a look what the booklet for
XYZ(26.3725, 29.9640, 65.5433)
contains.

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Color

**XYZ(26.2690, 29.8465,
65.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	499CD2
RGB	73, 156, 210
RGB Percent	29%, 61%, 82%
CMY	0.7137, 0.3882, 0.1765
CMYK	0.65, 0.26, 0.00, 0.18
HSL	204°, 60%, 55%
HSV	204°, 65%, 82%
XYZ	26.2690, 29.8465, 65.3492
YIQ	137.3390, -66.8020, -0.8020

Conversions

Conversions Part 2

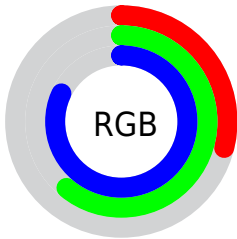
Format	Color
R_{YB}	73, 125, 210
Decimal	4824274
CIE _{Lab}	61.52, -8.45, -35.05
CIE _{LCh}	62, 36.051, 256.437
Yxy	29.8465, 0.2163, 0.2457
Android (android.graphics.Color)	4283014354 (0xFF499CD2)
YUV	137.3390, 35.8219, -56.4253
Hunter-Lab	54.6320, -9.7767, -32.6787

Details

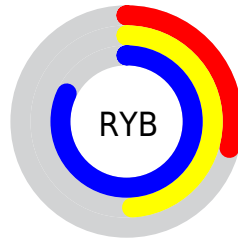
The XYZ color **26.2690, 29.8465, 65.3492** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **35.3718, 29.3636, 10.1083**, and the grayscale version is **23.7941, 25.0332, 27.2612**.

A 20% lighter version of the original color is **50.9281, 58.3815, 103.1923**, and **10.9680, 12.4697, 32.8392** is the 20% darker color. If you saturate the color by 10%, you get **23.5963, 26.4768, 64.8403**, and if you desaturate by 10%, it is **29.5755, 33.6844, 65.9163**.

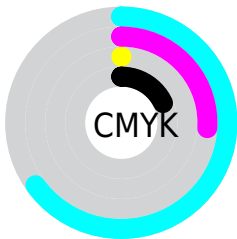
Distribution



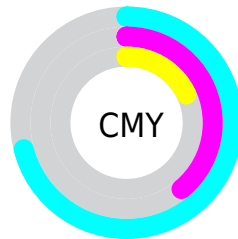
- Red (29%)
- Green (61%)
- Blue (82%)



- Red (29%)
- Yellow (49%)
- Blue (82%)



- Cyan (65%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



- Cyan (71%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2690, 29.8465, 65.3492 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 26.2690, 29.8465, 65.3492 by changing the saturation by 10% instead.

■ 26.2690, 29.8465,
65.3492

■ 26.2690, 29.8465,
65.3492

276.3326,
301.1883, 462.3863

■ 17.1587, 19.7221,
47.2911

■ 53.1368, 59.4193,
114.1698

■ 10.4437, 12.1932,
32.9099

■ 71.6250, 79.6366,
145.7695

■ 5.7587, 6.8754,
21.7869

■ 93.9700, 103.9869,
182.7201

■ 2.7381, 3.3843,
13.5036

■ 120.5370,
132.8547, 225.4402

■ 1.0168, 1.3355,
7.6414

151.6914,
166.6243, 274.3483

■ 0.0000, 0.1684,
3.7819

187.7986,

■ 0.0000, 0.0000,

205.6802, 329.8630

1.5065

229.2239,
250.4067, 392.4028

■ 0.0000, 0.0000,
0.2227

■ 0.0000, 0.0000,
0.0000

■ 26.2690, 29.8465,
65.3492

■ 26.2690, 29.8465,
65.3492

■ 23.5963, 26.4768,
64.8403

■ 29.5755, 33.6844,
65.9163

■ 21.4957, 23.5394,
64.3840

■ 33.5632, 38.0163,
66.5423

■ 19.8972, 20.9957,
63.9772

■ 38.2781, 42.8689,
67.2304

■ 19.2513, 19.8898,
63.7978

■ 43.7612, 48.2659,
67.9832

■ 50.0502, 54.2293,
68.8027

■ 57.1801, 60.7796,
69.6913

■ 65.1839, 67.9361,
70.6508

■ 74.0925, 75.7171,
71.6831

■ 81.3095, 82.7863,
72.6672

Harmonies

Analogous

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



22.4993, 29.8465, 55.5195



26.2690, 29.8465, 65.3492



31.0465, 29.8465, 64.8067

Triad

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



26.2690, 29.8465, 65.3492



38.1176, 29.8465, 25.6102



22.2214, 29.8465, 17.5356

Complementary

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



26.2690, 29.8465, 65.3492



35.3718, 29.3636, 10.1083

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.



25.8485, 29.8465, 13.2384



26.2690, 29.8465, 65.3492



35.1780, 29.8465, 16.9245

Square

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



26.2690, 29.8465, 65.3492



38.2629, 29.8465, 39.0627



30.5764, 29.8465, 13.0517



20.3458, 29.8465, 26.7129

Rectangle

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



26.2690, 29.8465, 65.3492



34.1787, 29.8465, 58.5759



30.5764, 29.8465, 13.0517



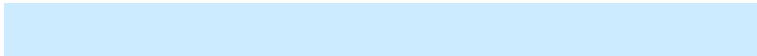
23.2567, 29.8465, 15.6008

Sweetspot

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



26.2701, 29.8475, 65.3499



72.6307, 79.4151, 106.1083



29.5303, 49.0045, 27.4798



14.9634, 16.4429, 22.6351



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.



26.2701, 29.8475, 65.3499



35.3294, 39.3495, 100.3409



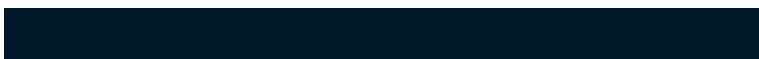
17.9529, 13.2133, 62.5776



11.7510, 12.5922, 15.0549



11.8433, 12.3333, 38.9488



0.7384, 0.8420, 2.2032

Inverse Universe

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



34.9626, 20.8684, 33.6386



50.5549, 27.2564, 43.9819



47.0774, 52.7747, 14.0101



12.1052, 11.9268, 13.8298



18.6087, 9.3163, 13.3775



1.0789, 0.5363, 0.9505

Previews

White Background



This preview shows how the XYZ color 26.2690, 29.8465, 65.3492 looks on a white background.

Color Contrast Check

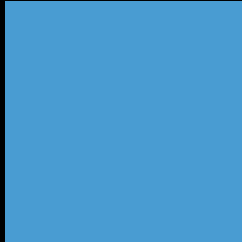
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2690, 29.8465, 65.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

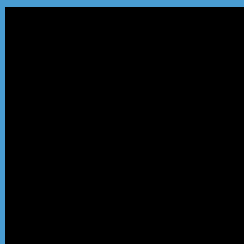
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

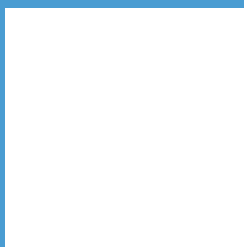
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2690, 29.8465, 65.3492

Background



This preview shows how black text looks on a background with the XYZ color 26.2690, 29.8465, 65.3492.

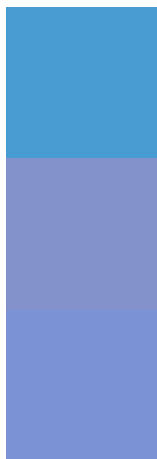


This preview shows how white text looks on a background with the XYZ color 26.2690, 29.8465,

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

26.2690, 29.8465, 65.3492

Protanopia

30.2996, 29.6473, 60.0027

Deuteranopia

30.3309, 29.5222, 66.3871



Tritanopia

22.2781, 29.7595, 45.6443

Trichromacy



Original Color

26.2690, 29.8465, 65.3492

Protanomaly

28.3562, 29.5355, 61.9640

Deuteranomaly

28.4899, 29.5191, 65.8242

Tritanomaly

23.5724, 29.7646, 52.0797

Monochromacy



Original Color

26.2690, 29.8465, 65.3492

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6135, 26.2043, 38.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2690, 29.8465, 65.3492 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(73, 156, 210)` looks like.

```
.text, #text, p{  
    color:rgb(73, 156, 210)  
}
```

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(73, 156, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 156, 210) }
```

Border

The CSS property to change the border of an element to XYZ 26.2690, 29.8465, 65.3492 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(73, 156, 210) }
```


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

```
.border{ border-color:rgb(73, 156, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 156, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 156, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 156, 210);  
box-shadow:4px 4px 4px 4px rgb(73, 156,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2690, 29.8465, 65.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 156, 210) }
```

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

```
.background{ background-color: rgb(73, 156,  
210) }
```

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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