

Converting Colors

XYZ(26.1444, 30.1935, 65.1076)

Have a look what the booklet for
XYZ(26.1444, 30.1935, 65.1076)
contains.

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Color

**XYZ(26.2436, 30.3358,
65.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	449ED2
RGB	68, 158, 210
RGB Percent	27%, 62%, 82%
CMY	0.7333, 0.3804, 0.1765
CMYK	0.68, 0.25, 0.00, 0.18
HSL	202°, 61%, 55%
HSV	202°, 68%, 82%
XYZ	26.2436, 30.3358, 65.4450
YIQ	137.0180, -70.3320, -2.9080

Conversions

Conversions Part 2

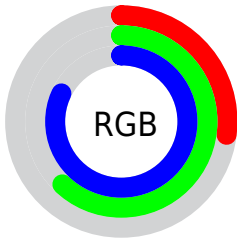
Format	Color
R_{YB}	68, 123, 210
Decimal	4497106
CIE _{Lab}	61.94, -10.38, -34.40
CIE _{LCh}	62, 35.932, 253.217
Yxy	30.3358, 0.2151, 0.2486
Android (android.graphics.Color)	4282687186 (0xFF449ED2)
YUV	137.0180, 35.9801, -60.5288
Hunter-Lab	55.0779, -11.3345, -31.8953

Details

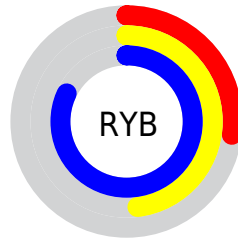
The XYZ color **26.2436, 30.3358, 65.4450** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **34.3396, 27.5539, 8.9787**, and the grayscale version is **23.6733, 24.9062, 27.1228**.

A 20% lighter version of the original color is **51.2043, 59.6338, 103.4195**, and **11.1741, 12.8819, 32.9079** is the 20% darker color. If you saturate the color by 10%, you get **23.7618, 27.1700, 64.9654**, and if you desaturate by 10%, it is **29.3340, 33.9382, 65.9781**.

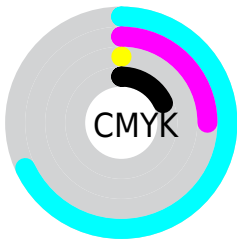
Distribution



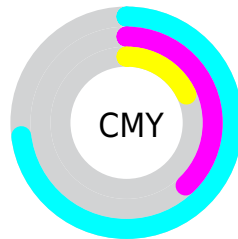
- Red (27%)
- Green (62%)
- Blue (82%)



- Red (27%)
- Yellow (48%)
- Blue (82%)



- Cyan (68%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2436, 30.3358, 65.4450 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 26.2436, 30.3358, 65.4450 by changing the saturation by 10% instead.

■ 26.2436, 30.3358,
65.4450

■ 26.2436, 30.3358,
65.4450

276.2107,
303.4666, 462.7393

■ 17.1396, 20.0936,
47.3684

■ 53.0962, 60.1928,
114.3088

■ 10.4300, 12.4631,
32.9705

■ 71.5755, 80.5764,
145.9330

■ 5.7494, 7.0599,
21.8329

■ 93.9106, 105.1093,
182.9102

■ 2.7325, 3.4996,
13.5371

■ 120.4668,
134.1759, 225.6589

■ 1.0139, 1.3978,
7.6643

■ 151.6096,
168.1605, 274.5976

■ 0.0000, 0.2151,
3.7962

187.7043,

■ 0.0000, 0.0000,

207.4475, 330.1449

1.5142

229.1162,
252.4214, 392.7193

■ 0.0000, 0.0000,
0.2285

■ 0.0000, 0.0000,
0.0000

■ 26.2436, 30.3358,
65.4450

■ 26.2436, 30.3358,
65.4450

■ 23.7618, 27.1700,
64.9654

■ 29.3340, 33.9382,
65.9781

■ 21.8249, 24.4043,
64.5336

■ 33.0815, 38.0029,
66.5651

■ 20.3500, 21.9942,
64.1461

■ 37.5332, 42.5567,
67.2095

■ 20.0338, 21.4548,
64.0587

■ 42.7303, 47.6230,
67.9134

■ 48.7110, 53.2235,
68.6792

■ 55.5106, 59.3782,
69.5088

■ 63.1622, 66.1061,
70.4041

■ 71.6968, 73.4252,
71.3670

■ 80.4011, 80.9695,
72.3645

Harmonies

Analogous

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



22.6030, 30.3358, 54.6981



26.2436, 30.3358, 65.4450



31.0006, 30.3358, 66.1205

Triad

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



26.2436, 30.3358, 65.4450



38.8099, 30.3358, 27.3355



22.9509, 30.3358, 17.2398

Complementary

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



26.2436, 30.3358, 65.4450



34.3396, 27.5539, 8.9787

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.



26.7693, 30.3358, 13.3686



26.2436, 30.3358, 65.4450



36.1145, 30.3358, 18.0067

Square

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



26.2436, 30.3358, 65.4450



38.6285, 30.3358, 41.2868



31.5879, 30.3358, 13.6034



20.8520, 30.3358, 25.9555

Rectangle

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



26.2436, 30.3358, 65.4450



34.2040, 30.3358, 60.5246



31.5879, 30.3358, 13.6034



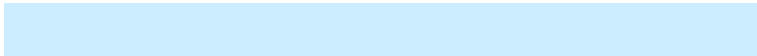
24.0564, 30.3358, 15.4532

Sweetspot

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



26.2447, 30.3369, 65.4458



73.0405, 80.2347, 106.2449



28.6839, 48.6239, 24.9216



15.0619, 16.6400, 22.6679



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.



26.2447, 30.3369, 65.4458



35.4825, 40.2440, 100.5055



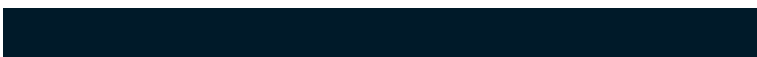
17.6154, 13.0784, 62.5693



11.7792, 12.6487, 15.0643



12.3189, 13.2845, 39.1074



0.7630, 0.8912, 2.2114

Inverse Universe

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



34.8180, 20.3057, 34.4330



50.4886, 26.6801, 45.3276



45.7558, 50.3864, 12.7841



12.1195, 11.9325, 13.9049



18.8488, 9.4123, 14.6416



1.0914, 0.5413, 1.0160

Previews

White Background



This preview shows how the XYZ color 26.2436, 30.3358, 65.4450 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 26.2436, 30.3358, 65.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

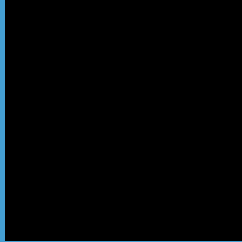
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2436, 30.3358, 65.4450

Background



This preview shows how black text looks on a background with the XYZ color 26.2436, 30.3358, 65.4450.

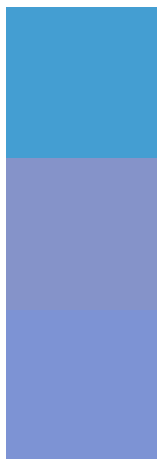


This preview shows how white text looks on a background with the XYZ color 26.2436, 30.3358,

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

26.2436, 30.3358, 65.4450

Protanopia

30.6492, 30.0710, 59.4472

Deuteranopia

30.7748, 29.9809, 66.4522



Tritanopia

22.4302, 30.3536, 46.2716

Trichromacy



Original Color

26.2436, 30.3358, 65.4450

Protanomaly

28.2724, 29.7441, 61.3778

Deuteranomaly

28.5334, 29.7794, 65.8721

Tritanomaly

23.6812, 30.3270, 52.7497

Monochromacy



Original Color

26.2436, 30.3358, 65.4450

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5083, 26.3759, 38.9740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2436, 30.3358, 65.4450 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(68, 158, 210)` looks like.

```
.text, #text, p{  
    color:rgb(68, 158, 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(68, 158, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 158, 210) }
```

Border

The CSS property to change the border of an element to XYZ 26.2436, 30.3358, 65.4450 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(68, 158, 210) }
```


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

```
.border{ border-color:rgb(68, 158, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 158, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 158, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 158, 210);  
box-shadow:4px 4px 4px 4px rgb(68, 158,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2436, 30.3358, 65.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 158, 210) }
```

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

```
.background{ background-color: rgb(68, 158,  
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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