

Converting Colors

XYZ(26.5368, 33.7808, 61.3097)

Have a look what the booklet for
XYZ(26.5368, 33.7808, 61.3097)
contains.

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Color

**XYZ(26.6224, 33.8181,
61.6243)**

Conversions

Conversions Part 1

Format	Color
Hex	35AACB
RGB	53, 170, 203
RGB Percent	21%, 67%, 80%
CMY	0.7921, 0.3333, 0.2039
CMYK	0.74, 0.16, 0.00, 0.20
HSL	193°, 59%, 50%
HSV	193°, 74%, 80%
XYZ	26.6224, 33.8181, 61.6243
YIQ	138.7790, -80.3250, -14.5410

Conversions

Conversions Part 2

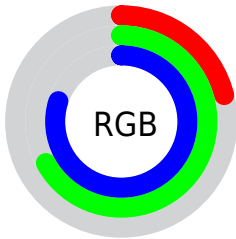
Format	Color
R _Y B	53, 119, 203
Decimal	3517131
CIE Lab	64.82, -21.21, -26.09
CIE LCh	65, 33.626, 230.896
Yxy	33.8181, 0.2181, 0.2771
Android (android.graphics.Color)	4281707211 (0xFF35AACB)
YUV	138.7790, 31.6610, -75.2282
Hunter-Lab	58.1533, -20.0516, -22.1215

Details

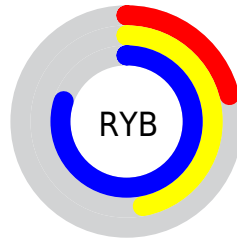
The XYZ color **26.6224, 33.8181, 61.6243** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **28.6003, 19.6109, 5.6473**, and the grayscale version is **24.3616, 25.6302, 27.9113**.

A 20% lighter version of the original color is **52.7209, 65.0635, 104.3876**, and **11.9032, 15.1268, 30.7262** is the 20% darker color. If you saturate the color by 10%, you get **24.9496, 31.7345, 61.3109**, and if you desaturate by 10%, it is **28.7776, 36.1939, 61.9699**.

Distribution



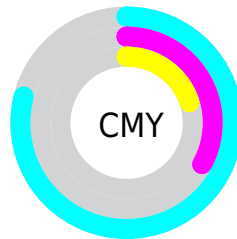
- Red (21%)
- Green (67%)
- Blue (80%)



- Red (21%)
- Yellow (47%)
- Blue (80%)



- Cyan (74%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (79%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6224, 33.8181, 61.6243 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 26.6224, 33.8181, 61.6243 by changing the saturation by 10% instead.

■ 26.6224, 33.8181,
61.6243

■ 26.6224, 33.8181,
61.6243

278.0252,
319.3202, 448.5291

■ 17.4250, 22.7539,
44.2954

■ 53.7015, 65.6507,
108.7487

■ 10.6351, 14.4119,
30.5639

■ 72.3139, 87.1879,
139.3812

■ 5.8875, 8.4077,
20.0113

■ 94.7953, 112.9848,
175.2853

■ 2.8168, 4.3569,
12.2191

■ 121.5111,
143.4260, 216.8796

■ 1.0576, 1.8752,
6.7687

■ 152.8266,
178.8957, 264.5826

■ 0.0000, 0.5334,
3.2416

189.1072,

■ 0.0000, 0.0000,

219.7784, 318.8128

1.2193

230.7183,
266.4584, 379.9888

■ 0.0000, 0.0000,
0.0000

■ 26.6224, 33.8181,
61.6243

■ 26.6224, 33.8181,
61.6243

■ 24.9496, 31.7345,
61.3109

■ 28.7776, 36.1939,
61.9699

■ 23.6941, 29.9072,
61.0244

■ 31.4629, 38.8850,
62.3478

■ 23.0645, 28.8816,
60.8596

■ 34.7237, 41.9158,
62.7610

■ 38.5996, 45.3071,
63.2113

■ 43.1264, 49.0778,
63.7005

■ 48.3371, 53.2453,
64.2303

■ 54.2626, 57.8259,
64.8021

■ 60.9316, 62.8347,
65.4174

■ 68.3714, 68.2862,
66.0775

Harmonies

Analogous

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



24.2078, 33.8181, 47.1722



26.6224, 33.8181, 61.6243



30.6927, 33.8181, 69.9142

Triad

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



26.6224, 33.8181, 61.6243



42.2378, 33.8181, 41.2031



28.9361, 33.8181, 17.1105

Complementary

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



26.6224, 33.8181, 61.6243



28.6003, 19.6109, 5.6473

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.



33.6385, 33.8181, 16.2741



26.6224, 33.8181, 61.6243



41.6467, 33.8181, 28.1089

Square

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



26.6224, 33.8181, 61.6243



39.9208, 33.8181, 56.3249



38.3786, 33.8181, 19.7677



25.4475, 33.8181, 22.4378

Rectangle

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



26.6224, 33.8181, 61.6243



33.9349, 33.8181, 69.6924



38.3786, 33.8181, 19.7677



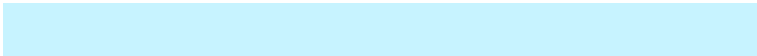
30.4155, 33.8181, 16.3582

Sweetspot

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



26.6235, 33.8193, 61.6251



73.5249, 83.2449, 106.8004



24.4849, 44.1335, 15.9288



15.2569, 17.4263, 22.8094



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.



26.6235, 33.8193, 61.6251



40.3782, 51.1635, 102.3551



16.3865, 13.3452, 58.2128



11.3257, 12.2919, 14.3460



14.7477, 18.5194, 38.7536



0.8140, 1.0618, 2.0170

Inverse Universe

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



33.1584, 18.1462, 39.7863



52.6843, 26.5040, 60.1407



37.9300, 38.2704, 8.7572



11.5778, 11.3598, 13.5772



19.6549, 9.6725, 21.6991



1.0408, 0.5097, 1.2608

Previews

White Background



This preview shows how the XYZ color 26.6224, 33.8181, 61.6243 looks on a white background.

Color Contrast Check

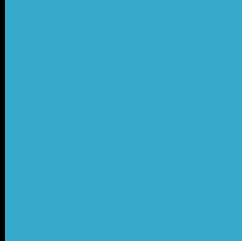
Large Text (above 18pt) WCAG AA × Fail

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 26.6224, 33.8181, 61.6243 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 26.6224, 33.8181, 61.6243

Background



This preview shows how black text looks on a background with the XYZ color 26.6224, 33.8181, 61.6243.

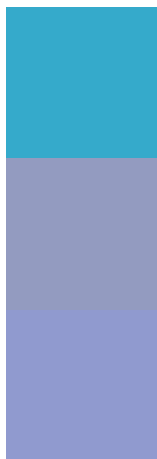


This preview shows how white text looks on a background with the XYZ color 26.6224, 33.8181,

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

26.6224, 33.8181, 61.6243

Protanopia

33.2684, 33.4515, 54.5725

Deuteranopia

34.3197, 33.5455, 63.6976



Tritanopia

24.7883, 33.9261, 52.2556

Trichromacy



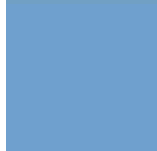
Original Color

26.6224, 33.8181, 61.6243



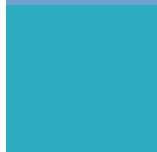
Protanomaly

29.3447, 32.6378, 56.9777



Deuteranomaly

30.2669, 32.9774, 63.1625



Tritanomaly

25.4604, 33.9132, 55.6561

Monochromacy



Original Color

26.6224, 33.8181, 61.6243



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

23.6123, 27.6095, 38.2671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6224, 33.8181, 61.6243 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(53, 170, 203)` looks like.

```
.text, #text, p{  
    color:rgb(53, 170, 203)  
}
```

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(53, 170, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 170, 203) }
```

Border

The CSS property to change the border of an element to XYZ 26.6224, 33.8181, 61.6243 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(53, 170, 203) }
```


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

```
.border{ border-color:rgb(53, 170, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 170, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 170, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 170, 203);  
box-shadow:4px 4px 4px 4px rgb(53, 170,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6224, 33.8181, 61.6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 170, 203) }
```

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

```
.background{ background-color: rgb(53, 170,  
203) }
```

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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