

Converting Colors

XYZ(24.1061, 18.1700, 57.6546)

Have a look what the booklet for
XYZ(24.1061, 18.1700, 57.6546)
contains.

XYZ(24.0984, 18.1136, 57.4845)	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(24.0984, 18.1136,
57.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	8065C9
RGB	128, 101, 201
RGB Percent	50%, 40%, 79%
CMY	0.4980, 0.6039, 0.2118
CMYK	0.36, 0.50, 0.00, 0.21
HSL	256°, 48%, 59%
HSV	256°, 50%, 79%
XYZ	24.0984, 18.1136, 57.4845
YIQ	120.4730, -16.0080, 36.8240

Conversions

Conversions Part 2

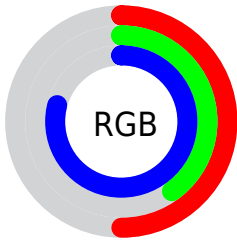
Format	Color
R_{YB}	128, 101, 201
Decimal	8414665
CIE _{Lab}	49.63, 33.56, -48.48
CIE _{LCh}	50, 58.963, 304.689
Yxy	18.1136, 0.2417, 0.1817
Android (android.graphics.Color)	4286604745 (0xFF8065C9)
YUV	120.4730, 39.6998, 6.6012
Hunter-Lab	42.5601, 26.5903, -50.2890

Details

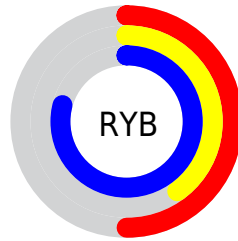
The XYZ color **24.0984, 18.1136, 57.4845** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **40.6912, 51.7118, 20.1491**, and the grayscale version is **17.8850, 18.8165, 20.4911**.

A 20% lighter version of the original color is **49.0454, 39.8668, 99.7178**, and **9.2854, 6.0774, 27.8778** is the 20% darker color. If you saturate the color by 10%, you get **20.3305, 13.6200, 56.8161**, and if you desaturate by 10%, it is **28.6641, 23.7274, 58.3278**.

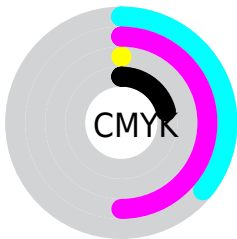
Distribution



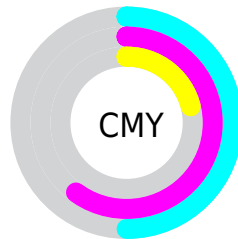
- Red (50%)
- Green (40%)
- Blue (79%)



- Red (50%)
- Yellow (40%)
- Blue (79%)



- Cyan (36%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0984, 18.1136, 57.4845 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 24.0984, 18.1136, 57.4845 by changing the saturation by 10% instead.

■ 24.0984, 18.1136,
57.4845

■ 24.0984, 18.1136,
57.4845

265.7488,
241.5106, 432.8068

■ 15.5318, 11.0316,
40.9824

■ 49.6442, 40.2308,
102.6791

■ 9.2822, 6.0881,
27.9857

■ 67.3541, 56.0348,
132.2088

■ 4.9843, 2.8987,
18.0760

■ 88.8425, 75.5148,
166.9180

■ 2.2727, 1.0791,
10.8345

■ 114.4747, 99.0554,
207.2253

■ 0.7806, 0.0000,
5.8429

144.6161,
127.0409, 253.5493

■ 0.0000, 0.0000,
2.6826

179.6320,

■ 0.0000, 0.0000,

159.8556, 306.3086

0.9346

219.8878,
197.8841, 365.9215

■ 0.0000, 0.0000,
0.0000

■ 24.0984, 18.1136,
57.4845

■ 24.0984, 18.1136,
57.4845

■ 20.3305, 13.6200,
56.8161

■ 28.6641, 23.7274,
58.3278

■ 17.3092, 10.1669,
56.3088

■ 34.0701, 30.5297,
59.3558

■ 14.9802, 7.6665,
55.9489

■ 40.3584, 38.5856,
60.5793

■ 13.2801, 6.0156,
55.7199

■ 47.5672, 47.9548,
62.0079

■ 12.1040, 5.0301,
55.5916

■ 55.7327, 58.6933,
63.6502

■ 12.0787, 5.0089,
55.5889

■ 64.8890, 70.8535,
65.5148

■ 75.0684, 84.4853,
67.6095

■ 84.0933, 95.2188,
69.2056

■ 87.5427, 96.9971,
69.3670

Harmonies

Analogous

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



18.1115, 18.1136, 69.1681



24.0984, 18.1136, 57.4845



28.8966, 18.1136, 36.0576

Triad

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



24.0984, 18.1136, 57.4845



22.2410, 18.1136, 2.9191



8.5619, 18.1136, 22.3518

Complementary

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



24.0984, 18.1136, 57.4845



40.6912, 51.7118, 20.1491

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.



9.2034, 18.1136, 9.2601



24.0984, 18.1136, 57.4845



16.3513, 18.1136, 2.1906

Square

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



24.0984, 18.1136, 57.4845



27.6715, 18.1136, 6.8656



11.7879, 18.1136, 3.6826



9.7953, 18.1136, 42.9860

Rectangle

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



24.0984, 18.1136, 57.4845



30.3134, 18.1136, 22.7161



11.7879, 18.1136, 3.6826



8.5683, 18.1136, 17.0044

Sweetspot

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



24.0991, 18.1143, 57.4849



74.5017, 73.0605, 104.7832



31.1104, 37.3853, 60.8351



15.3930, 14.9202, 22.3185



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.



24.0991, 18.1143, 57.4849



34.1833, 22.5903, 97.1665



33.4804, 22.9505, 57.9240



10.3209, 10.4237, 13.3855



7.6704, 3.1885, 34.9555



0.4345, 0.1878, 1.6585

Inverse Universe

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



36.3813, 24.7813, 42.9097



58.0890, 35.6018, 67.2193



31.5965, 47.0233, 19.7235



10.9562, 10.7658, 12.7524



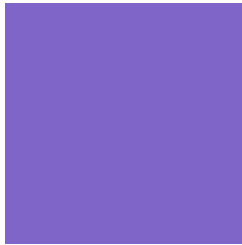
18.4830, 9.1428, 18.2852



0.9043, 0.4445, 1.0190

Previews

White Background



This preview shows how the XYZ color 24.0984, 18.1136, 57.4845 looks on a white background.

Color Contrast Check

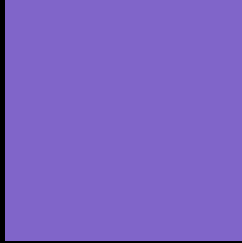
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.0984, 18.1136, 57.4845 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 24.0984, 18.1136, 57.4845

Background



This preview shows how black text looks on a background with the XYZ color 24.0984, 18.1136, 57.4845.



This preview shows how white text looks on a background with the XYZ color 24.0984, 18.1136,

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

24.0984, 18.1136, 57.4845

Protanopia

20.7226, 18.3817, 66.0742

Deuteranopia

18.8548, 18.3487, 55.3712



Tritanopia

17.1752, 18.1969, 23.0292

Trichromacy



Original Color

24.0984, 18.1136, 57.4845

Protanomaly

21.3010, 17.9290, 62.6596

Deuteranomaly

20.0117, 17.7403, 55.7956

Tritanomaly

19.1818, 17.8065, 33.4363

Monochromacy



Original Color

24.0984, 18.1136, 57.4845

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.4983, 18.1911, 30.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0984, 18.1136, 57.4845 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(128, 101, 201)` looks like.

```
.text, #text, p{  
    color:rgb(128, 101, 201)  
}
```

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(128, 101, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 101, 201) }
```

Border

The CSS property to change the border of an element to XYZ 24.0984, 18.1136, 57.4845 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(128, 101, 201) }
```


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

```
.border{ border-color:rgb(128, 101, 201) }
```

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

Here you see how a box with a 4 pixel rgb(128, 101, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 101, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 101, 201);  
box-shadow:4px 4px 4px 4px rgb(128, 101,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0984, 18.1136, 57.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 101, 201) }
```

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

```
.background{ background-color: rgb(128,  
101, 201) }
```

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