

Converting Colors

XYZ(15.0086, 17.9478, 24.8635)

Have a look what the booklet for
XYZ(15.0086, 17.9478, 24.8635)
contains.

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Color

**XYZ(15.0086, 17.9478,
24.8635)**

Conversions

Conversions Part 1

Format	Color
Hex	537C85
RGB	83, 124, 133
RGB Percent	33%, 49%, 52%
CMY	0.6745, 0.5137, 0.4784
CMYK	0.38, 0.07, 0.00, 0.48
HSL	191°, 23%, 42%
HSV	191°, 38%, 52%
XYZ	15.0086, 17.9478, 24.8635
YIQ	112.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

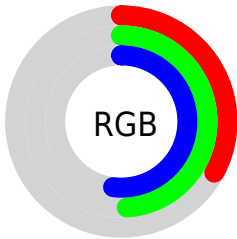
Format	Color
R_{YB}	83, 106, 133
Decimal	5471365
CIE _{Lab}	49.43, -11.78, -9.43
CIE _{LCh}	49, 15.093, 218.666
Y _{xy}	17.9478, 0.2596, 0.3104
Android (android.graphics.Color)	4283661445 (0xFF537C85)
Y _{UV}	112.7670, 9.9749, -26.1057
Hunter-Lab	42.3648, -10.9013, -5.1413

Details

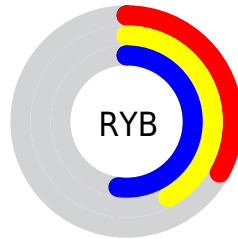
The XYZ color **15.0086, 17.9478, 24.8635** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.0616, 13.2656, 9.9508**, and the grayscale version is **15.6047, 16.4174, 17.8785**.

A 20% lighter version of the original color is **34.5767, 40.1403, 52.3798**, and **4.7435, 5.9956, 9.2948** is the 20% darker color. If you saturate the color by 10%, you get **13.6497, 16.8077, 24.7154**, and if you desaturate by 10%, it is **16.6011, 19.2199, 25.0254**.

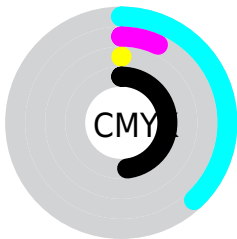
Distribution



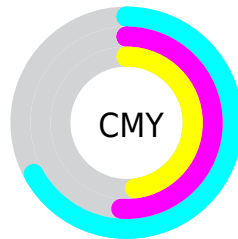
- Red (33%)
- Green (49%)
- Blue (52%)



- Red (33%)
- Yellow (42%)
- Blue (52%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0086, 17.9478, 24.8635 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 15.0086, 17.9478, 24.8635 by changing the saturation by 10% instead.

■ 15.0086, 17.9478,
24.8635

■ 15.0086, 17.9478,
24.8635

216.8056,
240.5767, 290.5834

■ 8.9118, 10.9125,
15.7573

■ 34.4398, 39.9484,
52.3971

■ 4.7403, 6.0080,
9.2001

■ 48.5049, 55.6824,
71.6615

■ 2.1289, 2.8500,
4.7733

■ 65.9568, 75.0849,
95.1491

■ 0.7049, 1.0539,
2.0585

■ 87.1608, 98.5401,
123.2784

■ 0.0000, 0.0000,
0.5909

■ 112.4824,
126.4325, 156.4679

■ 0.0000, 0.0000,
0.0000

142.2868,

159.1465, 195.1362

176.9394,
197.0664, 239.7019

■ 15.0086, 17.9478,
24.8635

■ 15.0086, 17.9478,
24.8635

■ 13.6497, 16.8077,
24.7154

■ 16.6011, 19.2199,
25.0254

■ 12.5096, 15.7908,
24.5792

■ 18.4373, 20.6282,
25.2005

■ 11.5748, 14.8903,
24.4546

■ 20.5291, 22.1792,
25.3896

■ 10.8290, 14.0979,
24.3410

■ 22.8867, 23.8782,
25.5933

■ 10.2540, 13.4040,
24.2374

■ 25.5201, 25.7305,
25.8120

■ 9.8110, 12.7886,
24.1419

■ 28.4385, 27.7409,
26.0462

■ 9.7092, 12.6445,
24.1195

■ 31.6507, 29.9140,
26.2964

■ 35.1653, 32.2544,
26.5629

■ 38.9904, 34.7662,
26.8461

Harmonies

Analogous

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



14.4921, 17.9478, 20.7479



15.0086, 17.9478, 24.8635



16.0818, 17.9478, 27.7963

Triad

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



15.0086, 17.9478, 24.8635



19.7391, 17.9478, 22.5366



16.6495, 17.9478, 12.7686

Complementary

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



15.0086, 17.9478, 24.8635



15.0616, 13.2656, 9.9508

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.



18.0747, 17.9478, 13.1088



15.0086, 17.9478, 24.8635



19.9120, 17.9478, 18.3840

Square

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



15.0086, 17.9478, 24.8635



18.8278, 17.9478, 26.3282



19.2878, 17.9478, 15.0399



15.4043, 17.9478, 14.0355

Rectangle

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



15.0086, 17.9478, 24.8635



16.9952, 17.9478, 28.4788



19.2878, 17.9478, 15.0399



17.1227, 17.9478, 12.7029

Sweetspot

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



15.0091, 17.9485, 24.8639



35.3387, 38.6719, 45.3403



13.8580, 19.3755, 12.9830



7.8661, 8.6418, 10.2061



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0091, 17.9485, 24.8639



24.7990, 30.4046, 44.3000



12.3266, 12.5835, 23.9697



4.7323, 5.1402, 5.9435



9.2533, 12.0545, 22.9757



0.0367, 0.0510, 0.0811

Inverse Universe

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



16.4047, 12.6288, 20.6426



27.7368, 19.6968, 35.3034



17.5185, 18.1793, 10.7697



4.8229, 4.7488, 5.6797



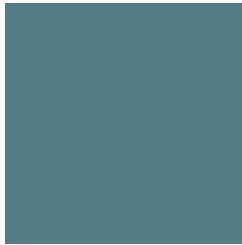
11.8488, 5.8039, 14.3078



0.0434, 0.0210, 0.0618

Previews

White Background



This preview shows how the XYZ color 15.0086, 17.9478, 24.8635 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 15.0086, 17.9478, 24.8635 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 15.0086, 17.9478, 24.8635

Background



This preview shows how black text looks on a background with the XYZ color 15.0086, 17.9478, 24.8635.



This preview shows how white text looks on a background with the XYZ color 15.0086, 17.9478,

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

15.0086, 17.9478, 24.8635

Protanopia

17.3441, 17.7623, 22.9364

Deuteranopia

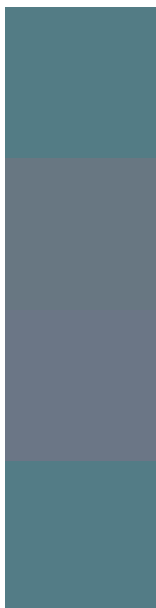
18.1362, 17.7770, 25.3971



Tritanopia

15.0780, 17.9755, 25.2292

Trichromacy



Original Color

15.0086, 17.9478, 24.8635

Protanomaly

16.3350, 17.7484, 23.6839

Deuteranomaly

16.8449, 17.8039, 25.1029

Tritanomaly

15.0780, 17.9755, 25.2292

Monochromacy



Original Color

15.0086, 17.9478, 24.8635

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2309, 16.9034, 20.2292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0086, 17.9478, 24.8635 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(83, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(83, 124, 133)  
}
```

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(83, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 124, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.0086, 17.9478, 24.8635 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(83, 124, 133) }
```


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

```
.border{ border-color:rgb(83, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(83, 124,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0086, 17.9478, 24.8635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 124, 133) }
```

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

```
.background{ background-color: rgb(83, 124,  
133) }
```

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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