

Converting Colors

XYZ(15.0587, 17.8681, 24.2622)

Have a look what the booklet for
XYZ(15.0587, 17.8681, 24.2622)
contains.

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Color

**XYZ(15.0174, 17.7830,
24.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	567B83
RGB	86, 123, 131
RGB Percent	34%, 48%, 51%
CMY	0.6627, 0.5176, 0.4863
CMYK	0.34, 0.06, 0.00, 0.49
HSL	191°, 21%, 43%
HSV	191°, 34%, 51%
XYZ	15.0174, 17.7830, 24.1137
YIQ	112.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

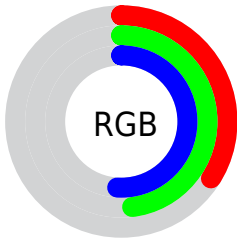
Format	Color
R_{YB}	86, 106, 131
Decimal	5667715
CIE _{Lab}	49.23, -10.87, -8.53
CIE _{LCh}	49, 13.817, 218.148
Yxy	17.7830, 0.2639, 0.3125
Android (android.graphics.Color)	4283857795 (0xFF567B83)
YUV	112.8490, 8.9484, -23.5466
Hunter-Lab	42.1699, -10.2305, -4.3844

Details

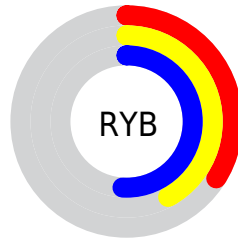
The XYZ color **15.0174, 17.7830, 24.1137** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.0427, 13.5027, 10.6179**, and the grayscale version is **15.6312, 16.4453, 17.9089**.

A 20% lighter version of the original color is **34.4936, 39.8297, 51.2173**, and **4.7347, 5.9001, 8.8719** is the 20% darker color. If you saturate the color by 10%, you get **13.6348, 16.6469, 23.9676**, and if you desaturate by 10%, it is **16.6291, 19.0482, 24.2733**.

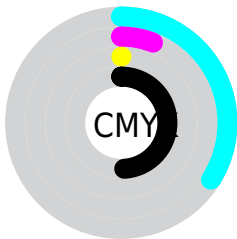
Distribution



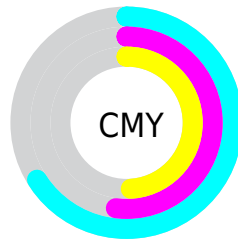
- Red (34%)
- Green (48%)
- Blue (51%)



- Red (34%)
- Yellow (42%)
- Blue (51%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0174, 17.7830, 24.1137 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 15.0174, 17.7830, 24.1137 by changing the saturation by 10% instead.

■ 15.0174, 17.7830,
24.1137

■ 15.0174, 17.7830,
24.1137

216.8578,
239.6451, 286.6999

■ 8.9180, 10.7943,
15.2050

■ 34.4551, 39.6672,
51.1618

■ 4.7444, 5.9287,
8.8152

■ 48.5241, 55.3315,
70.1384

■ 2.1313, 2.8018,
4.5257

■ 65.9804, 74.6565,
93.3079

■ 0.7061, 1.0291,
1.9179

■ 87.1892, 98.0265,
121.0890

■ 0.0000, 0.0000,
0.5041

■ 112.5161,
125.8260, 153.9002

■ 0.0000, 0.0000,
0.0000

142.3262,

158.4393, 192.1601

176.9850,
196.2509, 236.2871

■ 15.0174, 17.7830,
24.1137

■ 15.0174, 17.7830,
24.1137

■ 13.6348, 16.6469,
23.9676

■ 16.6291, 19.0482,
24.2733

■ 12.4675, 15.6315,
23.8331

■ 18.4794, 20.4463,
24.4456

■ 11.5027, 14.7306,
23.7101

■ 20.5794, 21.9835,
24.6316

■ 10.7256, 13.9364,
23.5977

■ 22.9389, 23.6648,
24.8318

■ 10.1193, 13.2402,
23.4953

■ 25.5672, 25.4952,
25.0466

■ 9.6614, 12.6304,
23.4017

■ 28.4731, 27.4793,
25.2764

■ 9.4294, 12.3039,
23.3510

■ 31.6651, 29.6214,
25.5216

■ 35.1511, 31.9257,
25.7827

■ 38.9390, 34.3965,
26.0599

Harmonies

Analogous

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



14.5536, 17.7830, 20.3919



15.0174, 17.7830, 24.1137



15.9916, 17.7830, 26.7701

Triad

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



15.0174, 17.7830, 24.1137



19.3220, 17.7830, 22.1421



16.5515, 17.7830, 13.1227

Complementary

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



15.0174, 17.7830, 24.1137



15.0427, 13.5027, 10.6179

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.



17.8467, 17.7830, 13.4657



15.0174, 17.7830, 24.1137



19.4908, 17.7830, 18.3687

Square

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



15.0174, 17.7830, 24.1137



18.4886, 17.7830, 25.5344



18.9385, 17.7830, 15.2806



15.4093, 17.7830, 14.2754

Rectangle

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



15.0174, 17.7830, 24.1137



16.8218, 17.7830, 27.4068



18.9385, 17.7830, 15.2806



16.9828, 17.7830, 13.0701

Sweetspot

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



15.0179, 17.7837, 24.1141



34.5863, 37.7179, 43.9105



13.9524, 19.0106, 13.4068



7.9489, 8.7054, 10.2141



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.



15.0179, 17.7837, 24.1141



24.9760, 30.2798, 42.9814



12.5885, 12.9249, 23.3043



4.7331, 5.1419, 5.9438



9.2834, 12.1146, 22.9858



0.0367, 0.0511, 0.0812

Inverse Universe

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



16.2634, 12.9113, 20.3746



27.6023, 20.3923, 35.0094



17.2855, 17.9883, 11.3655



4.8233, 4.7490, 5.6819



11.8639, 5.8099, 14.3877



0.0434, 0.0211, 0.0620

Previews

White Background



This preview shows how the XYZ color 15.0174, 17.7830, 24.1137 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 15.0174, 17.7830, 24.1137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

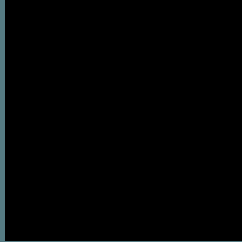
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0174, 17.7830, 24.1137

Background



This preview shows how black text looks on a background with the XYZ color 15.0174, 17.7830, 24.1137.



This preview shows how white text looks on a background with the XYZ color 15.0174, 17.7830,

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

15.0174, 17.7830, 24.1137

Protanopia

17.2786, 17.7361, 22.5914

Deuteranopia

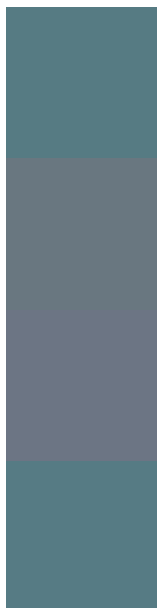
17.9967, 17.7212, 24.6623



Tritanopia

15.1543, 17.8378, 24.8346

Trichromacy



Original Color

15.0174, 17.7830, 24.1137

Protanomaly

16.3188, 17.7554, 22.9891

Deuteranomaly

16.7105, 17.5767, 24.3417

Tritanomaly

15.0856, 17.8103, 24.4724

Monochromacy



Original Color

15.0174, 17.7830, 24.1137

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3450, 16.9622, 20.2346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0174, 17.7830, 24.1137 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(86, 123, 131) looks like.

```
.text, #text, p{  
    color:rgb(86, 123, 131)  
}
```

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(86, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.0174, 17.7830, 24.1137 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(86, 123, 131) }
```


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

```
.border{ border-color:rgb(86, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(86, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0174, 17.7830, 24.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 123, 131) }
```

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

```
.background{ background-color: rgb(86, 123,  
131) }
```

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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