

Converting Colors

XYZ(15.2049, 17.8700, 20.8189)

Have a look what the booklet for
XYZ(15.2049, 17.8700, 20.8189)
contains.

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Color

**XYZ(15.2535, 17.9793,
20.7556)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7B79
RGB	95, 123, 121
RGB Percent	37%, 48%, 47%
CMY	0.6274, 0.5176, 0.5255
CMYK	0.23, 0.00, 0.02, 0.52
HSL	176°, 13%, 43%
HSV	176°, 23%, 48%
XYZ	15.2535, 17.9793, 20.7556
YIQ	114.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

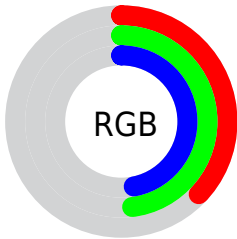
Format	Color
R_{YB}	95, 110, 123
Decimal	6257529
CIE _{Lab}	49.47, -10.49, -2.22
CIE _{LCh}	49, 10.720, 191.965
Yxy	17.9793, 0.2825, 0.3330
Android (android.graphics.Color)	4284447609 (0xFF5F7B79)
YUV	114.4000, 3.2538, -17.0138
Hunter-Lab	42.4020, -9.9907, 0.6592

Details

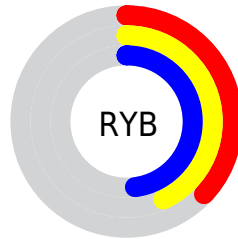
The XYZ color **15.2535, 17.9793, 20.7556** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.4189, 13.2590, 13.1093**, and the grayscale version is **16.1088, 16.9477, 18.4561**.

A 20% lighter version of the original color is **34.9222, 40.1788, 45.4498**, and **4.8703, 6.0070, 7.2061** is the 20% darker color. If you saturate the color by 10%, you get **14.0218, 17.3510, 20.4181**, and if you desaturate by 10%, it is **16.6885, 18.7133, 21.1059**.

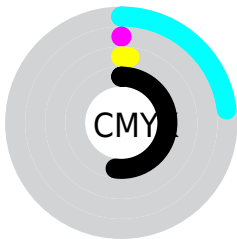
Distribution



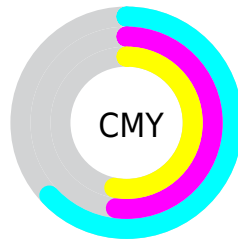
- Red (37%)
- Green (48%)
- Blue (47%)



- Red (37%)
- Yellow (43%)
- Blue (48%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2535, 17.9793, 20.7556 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 15.2535, 17.9793, 20.7556 by changing the saturation by 10% instead.

■ 15.2535, 17.9793,
20.7556

■ 15.2535, 17.9793,
20.7556

218.2536,
240.7543, 268.7150

■ 9.0850, 10.9351,
12.7560

■ 34.8653, 40.0021,
45.5559

■ 4.8542, 6.0232,
7.1320

■ 49.0393, 55.7494,
63.1937

■ 2.1958, 2.8592,
3.4651

■ 66.6124, 75.1666,
84.8813

■ 0.7405, 1.0587,
1.3367

■ 87.9502, 98.6381,
111.0372

■ 0.0000, 0.0000,
0.0916

113.4178,
126.5482, 142.0800

■ 0.0000, 0.0000,
0.0000

143.3806,

159.2814, 178.4282

178.2041,
197.2219, 220.5004

■ 15.2535, 17.9793,
20.7556

■ 15.2535, 17.9793,
20.7556

■ 14.0218, 17.3510,
20.4181

■ 16.6885, 18.7133,
21.1059

■ 12.9825, 16.8214,
20.0918

■ 18.3341, 19.5553,
21.4683

■ 12.1257, 16.3858,
19.7766

■ 20.1990, 20.5103,
21.8435

■ 11.4405, 16.0385,
19.4720

■ 22.2913, 21.5825,
22.2319

■ 10.9143, 15.7733,
19.1774

■ 24.6182, 22.7756,
22.6339

■ 10.5332, 15.5827,
18.8920

■ 27.1870, 24.0933,
23.0499

■ 10.2804, 15.4582,
18.6153

■ 30.0045, 25.5392,
23.4800

■ 10.1325, 15.3862,
18.4182

■ 33.0772, 27.1166,
23.9248

■ 36.4115, 28.8287,
24.3844

Harmonies

Analogous

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



15.3030, 17.9793, 17.8999



15.2535, 17.9793, 20.7556



15.6812, 17.9793, 23.5478

Triad

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



15.2535, 17.9793, 20.7556



18.4244, 17.9793, 24.0234



17.6989, 17.9793, 14.7374

Complementary

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



15.2535, 17.9793, 20.7556



14.4189, 13.2590, 13.1093

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.



18.5782, 17.9793, 16.0787



15.2535, 17.9793, 20.7556



19.0083, 17.9793, 21.3545

Square

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



15.2535, 17.9793, 20.7556



17.4957, 17.9793, 25.5554



19.0657, 17.9793, 18.4427



16.6882, 17.9793, 14.6113

Rectangle

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



15.2535, 17.9793, 20.7556



16.1897, 17.9793, 24.9237



19.0657, 17.9793, 18.4427



18.0206, 17.9793, 15.0545

Sweetspot

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



15.2540, 17.9800, 20.7560



31.4839, 34.3279, 38.1538



14.1145, 17.5526, 13.4710



7.3847, 8.0693, 8.9791



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.2540, 17.9800, 20.7560



26.1897, 31.6217, 36.8681



14.0159, 15.3054, 20.9552



4.0953, 4.5077, 5.0357



10.4807, 15.9160, 19.0483



49.8614, 75.8676, 90.1630

Inverse Universe

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



14.4189, 13.2590, 13.1093



24.4338, 21.6926, 20.7882



15.4576, 15.4838, 13.0009



4.0089, 4.0193, 4.2443



8.4991, 4.3758, 0.6531



40.4176, 20.8234, 2.4633

Previews

White Background



This preview shows how the XYZ color 15.2535, 17.9793, 20.7556 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 15.2535, 17.9793, 20.7556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

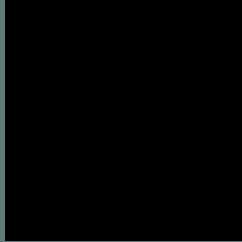
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2535, 17.9793, 20.7556

Background



This preview shows how black text looks on a background with the XYZ color 15.2535, 17.9793, 20.7556.



This preview shows how white text looks on a background with the XYZ color 15.2535, 17.9793,

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

15.2535, 17.9793, 20.7556

Protanopia

17.1799, 17.9289, 19.3848

Deuteranopia

18.1966, 17.9003, 21.2349



Tritanopia

15.8639, 17.8548, 24.0829

Trichromacy



Original Color

15.2535, 17.9793, 20.7556

Protanomaly

16.2972, 17.8167, 19.7195

Deuteranomaly

16.9444, 17.7726, 20.9497

Tritanomaly

15.6142, 17.9382, 22.7181

Monochromacy



Original Color

15.2535, 17.9793, 20.7556

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6356, 17.1327, 19.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2535, 17.9793, 20.7556 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(95, 123, 121) looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 121)  
}
```

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(95, 123, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.2535, 17.9793, 20.7556 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(95, 123, 121) }
```


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

```
.border{ border-color:rgb(95, 123, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 123, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 121);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2535, 17.9793, 20.7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 121) }
```

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

```
.background{ background-color: rgb(95, 123,  
121) }
```

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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