

Converting Colors

XYZ(18.5233, 19.3720, 24.7906)

Have a look what the booklet for
XYZ(18.5233, 19.3720, 24.7906)
contains.

XYZ(18.5293, 19.3944, 24.9572)	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(18.5293, 19.3944,
24.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	757A85
RGB	117, 122, 133
RGB Percent	46%, 48%, 52%
CMY	0.5412, 0.5216, 0.4784
CMYK	0.12, 0.08, 0.00, 0.48
HSL	221°, 6%, 49%
HSV	221°, 12%, 52%
XYZ	18.5293, 19.3944, 24.9572
YIQ	121.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

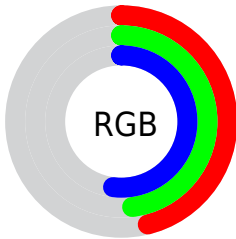
Format	Color
R_{YB}	117, 121, 133
Decimal	7699077
CIE Lab	51.15, 0.50, -6.63
CIE LCh	51, 6.649, 274.304
Yxy	19.3944, 0.2947, 0.3084
Android (android.graphics.Color)	4285889157 (0xFF757A85)
YUV	121.7590, 5.5418, -4.1736
Hunter-Lab	44.0391, -1.9651, -2.7726

Details

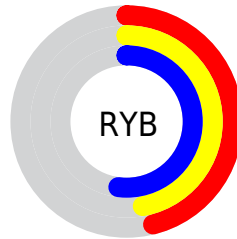
The XYZ color **18.5293, 19.3944, 24.9572** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6031, 21.7093, 19.9345**, and the grayscale version is **18.4046, 19.3631, 21.0864**.

A 20% lighter version of the original color is **40.3612, 42.2523, 52.4826**, and **6.4370, 6.6704, 9.3358** is the 20% darker color. If you saturate the color by 10%, you get **15.7975, 16.3977, 24.5231**, and if you desaturate by 10%, it is **21.6218, 22.7349, 25.4393**.

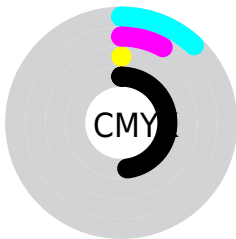
Distribution



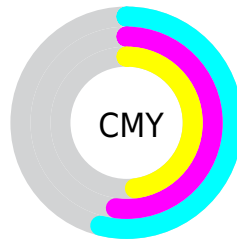
- Red (46%)
- Green (48%)
- Blue (52%)



- Red (46%)
- Yellow (47%)
- Blue (52%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5293, 19.3944, 24.9572 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 18.5293, 19.3944, 24.9572 by changing the saturation by 10% instead.

■ 18.5293, 19.3944,
24.9572

■ 18.5293, 19.3944,
24.9572

236.8261,
248.6175, 291.0656

■ 11.4326, 11.9556,
15.8264

■ 40.4602, 42.3995,
52.5510

■ 6.4281, 6.7135,
9.2484

■ 56.0253, 58.7346,
71.8512

■ 3.1502, 3.2836,
4.8045

■ 75.1437, 78.8039,
95.3782

■ 1.2337, 1.2815,
2.0763

98.1811, 102.9918,
123.5507

■ 0.1327, 0.1268,
0.6016

125.5026,
131.6827, 156.7871

■ 0.0000, 0.0000,
0.0000

157.4738,

165.2611, 195.5061

194.4598,
204.1112, 240.1260

■ 18.5293, 19.3944,
24.9572

■ 18.5293, 19.3944,
24.9572

■ 15.7975, 16.3977,
24.5231

■ 21.6218, 22.7349,
25.4393

■ 13.4112, 13.7311,
24.1341

■ 25.0861, 26.4274,
25.9694

■ 11.3564, 11.3835,
23.7893

■ 28.9349, 30.4831,
26.5494

■ 9.6178, 9.3421,
23.4869

■ 33.1798, 34.9118,
27.1805

■ 8.1784, 7.5933,
23.2252

■ 37.8320, 39.7229,
27.8639

■ 7.0198, 6.1223,
23.0024

■ 42.9020, 44.9255,
28.6009

■ 6.1213, 4.9130,
22.8163

■ 48.4003, 50.5284,
29.3926

■ 5.4590, 3.9470,
22.6647

■ 54.3365, 56.5401,
30.2401

■ 5.0466, 3.3194,
22.5653

■ 60.7204, 62.9688,
31.1445

Harmonies

Analogous

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



17.8884, 19.3944, 24.5685



18.5293, 19.3944, 24.9572



19.1591, 19.3944, 24.2677

Triad

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



18.5293, 19.3944, 24.9572



19.5033, 19.3944, 19.1323



17.3125, 19.3944, 19.5785

Complementary

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



18.5293, 19.3944, 24.9572



20.6031, 21.7093, 19.9345

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.



17.7270, 19.3944, 18.2519



18.5293, 19.3944, 24.9572



18.9902, 19.3944, 18.0053

Square

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



18.5293, 19.3944, 24.9572



19.7299, 19.3944, 20.8453



18.3386, 19.3944, 17.6928



17.1957, 19.3944, 21.3914

Rectangle

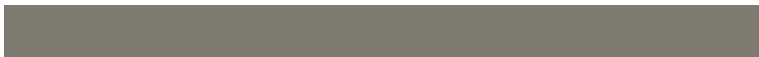
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.5293, 19.3944, 24.9572



19.4849, 19.3944, 23.3122



18.3386, 19.3944, 17.6928



17.4212, 19.3944, 19.0645

Sweetspot

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



18.5299, 19.3952, 24.9576



37.5246, 39.4291, 45.3712



19.6159, 22.1141, 23.6340



8.3682, 8.7907, 10.2084



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.



18.5299, 19.3952, 24.9576



32.0070, 33.4506, 44.5081



18.3318, 18.4048, 24.7769



4.5445, 4.7646, 5.8809



4.8136, 3.1750, 21.4958



0.0226, 0.0229, 0.0765

Inverse Universe

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



19.5475, 19.1147, 21.0725



34.1505, 32.8886, 36.3179



20.8149, 22.8109, 20.1359



4.7281, 4.7109, 5.1806



9.6078, 4.9075, 2.5070



0.0363, 0.0182, 0.0245

Previews

White Background



This preview shows how the XYZ color 18.5293, 19.3944, 24.9572 looks on a white background.

Color Contrast Check

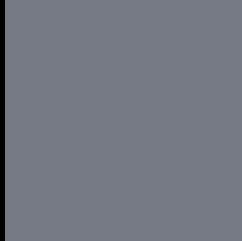
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5293, 19.3944, 24.9572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

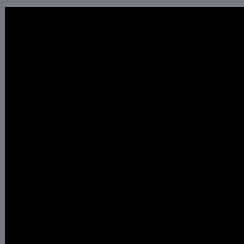
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

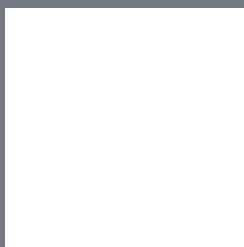
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5293, 19.3944, 24.9572

Background



This preview shows how black text looks on a background with the XYZ color 18.5293, 19.3944, 24.9572.



This preview shows how white text looks on a background with the XYZ color 18.5293, 19.3944,

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

18.5293, 19.3944, 24.9572

Protanopia

18.8874, 19.4056, 24.5800

Deuteranopia

19.6836, 19.2673, 25.2358



Tritanopia

18.4605, 19.3669, 24.5950

Trichromacy



Original Color

18.5293, 19.3944, 24.9572

Protanomaly

18.7480, 19.3338, 24.5735

Deuteranomaly

19.2121, 19.2000, 25.2476

Tritanomaly

18.4605, 19.3669, 24.5950

Monochromacy



Original Color

18.5293, 19.3944, 24.9572

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4712, 19.4185, 22.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5293, 19.3944, 24.9572 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(117, 122, 133)` looks like.

```
.text, #text, p{  
    color:rgb(117, 122, 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(117, 122, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 122, 133) }
```

Border

The CSS property to change the border of an element to XYZ 18.5293, 19.3944, 24.9572 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(117, 122, 133) }
```


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

```
.border{ border-color:rgb(117, 122, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 122, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 122, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 122, 133);  
box-shadow:4px 4px 4px 4px rgb(117, 122,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5293, 19.3944, 24.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 122, 133) }
```

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

```
.background{ background-color: rgb(117,  
122, 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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