

Converting Colors

XYZ(19.6426, 15.7109, 24.7133)

Have a look what the booklet for
XYZ(19.6426, 15.7109, 24.7133)
contains.

XYZ(19.5506, 15.6564, 24.5458)	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(19.5506, 15.6564,
24.5458)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5F86
RGB	142, 95, 134
RGB Percent	56%, 37%, 53%
CMY	0.4431, 0.6274, 0.4745
CMYK	0.00, 0.33, 0.06, 0.44
HSL	310°, 20%, 46%
HSV	310°, 33%, 56%
XYZ	19.5506, 15.6564, 24.5458
YIQ	113.4990, 15.4930, 22.0930

Conversions

Conversions Part 2

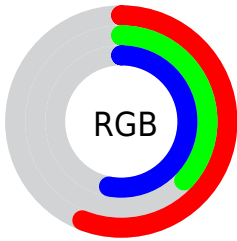
Format	Color
R _Y B	142, 95, 134
Decimal	9330566
CIE Lab	46.52, 25.67, -13.93
CIE LCh	47, 29.202, 331.513
Yxy	15.6564, 0.3272, 0.2620
Android (android.graphics.Color)	4287520646 (0xFF8E5F86)
YUV	113.4990, 10.1070, 24.9954
Hunter-Lab	39.5682, 18.9524, -9.0824

Details

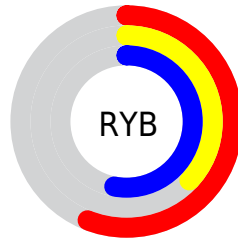
The XYZ color **19.5506, 15.6564, 24.5458** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.8411, 22.7587, 16.3381**, and the grayscale version is **15.8124, 16.6359, 18.1164**.

A 20% lighter version of the original color is **42.0135, 35.8814, 51.7252**, and **6.9311, 4.8973, 8.9675** is the 20% darker color. If you saturate the color by 10%, you get **18.2197, 13.2611, 23.2800**, and if you desaturate by 10%, it is **21.1195, 18.5210, 25.9103**.

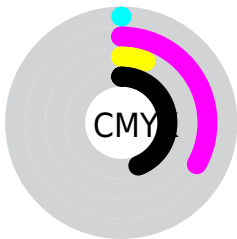
Distribution



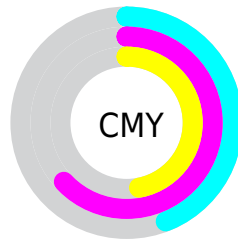
- Red (56%)
- Green (37%)
- Blue (53%)



- Red (56%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5506, 15.6564, 24.5458 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 19.5506, 15.6564, 24.5458 by changing the saturation by 10% instead.

■ 19.5506, 15.6564,
24.5458

■ 19.5506, 15.6564,
24.5458

242.3520,
227.3056, 288.9433

■ 12.1752, 9.2813,
15.5231

■ 42.1722, 36.0007,
51.8744

■ 6.9361, 4.9251,
9.0366

■ 58.1490, 50.7387,
71.0173

■ 3.4682, 2.2034,
4.6679

■ 77.7236, 69.0331,
94.3706

■ 1.4059, 0.7219,
1.9985

■ 101.2615, 91.2683,
122.3530

■ 0.2604, 0.0000,
0.5543

129.1279,
117.8288, 155.3829

■ 0.0000, 0.0000,
0.0000

161.6882,

149.0989, 193.8789

199.3078,
185.4631, 238.2595

■ 19.5506, 15.6564,
24.5458

■ 19.5506, 15.6564,
24.5458

■ 18.2197, 13.2611,
23.2800

■ 21.1195, 18.5210,
25.9103

■ 17.1126, 11.3075,
22.1074

■ 22.9367, 21.8763,
27.3766

■ 16.2159, 9.7687,
21.0238

■ 25.0137, 25.7448,
28.9487

■ 15.5142, 8.6137,
20.0238

■ 27.3607, 30.1471,
30.6302

■ 14.9897, 7.8073,
19.1015

■ 29.9874, 35.1026,
32.4245

■ 14.6216, 7.3075,
18.2496

■ 32.9032, 40.6298,
34.3347

■ 14.4153, 7.0548,
17.6881

■ 36.1168, 46.7462,
36.3640

■ 39.6366, 53.4688,
38.5152

■ 43.4709, 60.8135,
40.7912

Harmonies

Analogous

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



17.5554, 15.6564, 31.7962



19.5506, 15.6564, 24.5458



20.2596, 15.6564, 16.6840

Triad

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



19.5506, 15.6564, 24.5458



14.7536, 15.6564, 6.6096



11.1261, 15.6564, 25.3625

Complementary

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



19.5506, 15.6564, 24.5458



16.8411, 22.7587, 16.3381

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.



10.5500, 15.6564, 17.4155



19.5506, 15.6564, 24.5458



12.4929, 15.6564, 7.7538

Square

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



19.5506, 15.6564, 24.5458



17.3096, 15.6564, 7.5394



11.0212, 15.6564, 11.2562



12.6908, 15.6564, 32.3537

Rectangle

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



19.5506, 15.6564, 24.5458



19.8505, 15.6564, 12.4546



11.0212, 15.6564, 11.2562



10.8188, 15.6564, 22.6491

Sweetspot

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



19.5511, 15.6571, 24.5461



41.4566, 40.4526, 49.0571



14.5498, 13.0119, 27.3362



9.1623, 8.8547, 10.8823



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.5511, 15.6571, 24.5461



32.6248, 24.2715, 41.5427



18.0990, 15.0763, 16.8997



5.5874, 5.4955, 6.5912



12.9485, 6.3364, 15.9118



0.1305, 0.0633, 0.1876

Inverse Universe

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



19.5511, 15.6571, 24.5461



32.6248, 24.2715, 41.5427



18.1803, 23.2943, 23.3902



5.5874, 5.4955, 6.5912



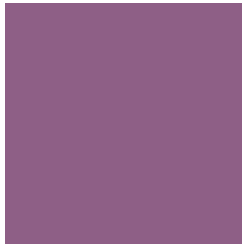
12.9485, 6.3364, 15.9118



0.1305, 0.0633, 0.1876

Previews

White Background



This preview shows how the XYZ color 19.5506, 15.6564, 24.5458 looks on a white background.

Color Contrast Check

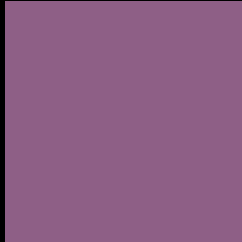
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5506, 15.6564, 24.5458 looks on a black 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

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

XYZ 19.5506, 15.6564, 24.5458

Background



This preview shows how black text looks on a background with the XYZ color 19.5506, 15.6564, 24.5458.



This preview shows how white text looks on a background with the XYZ color 19.5506, 15.6564,

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

19.5506, 15.6564, 24.5458

Protanopia

15.8695, 15.7176, 28.5829

Deuteranopia

16.0830, 15.7706, 24.0262



Tritanopia

17.9114, 15.6860, 16.2710

Trichromacy



Original Color

19.5506, 15.6564, 24.5458

Protanomaly

16.8864, 15.5071, 26.9141

Deuteranomaly

17.1099, 15.5315, 24.2864

Tritanomaly

18.3938, 15.5952, 18.8703

Monochromacy



Original Color

19.5506, 15.6564, 24.5458

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.0211, 16.1810, 20.3153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5506, 15.6564, 24.5458 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(142, 95, 134)` looks like.

```
.text, #text, p{  
    color:rgb(142, 95, 134)  
}
```

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(142, 95, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 95, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.5506, 15.6564, 24.5458 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(142, 95, 134) }
```


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

```
.border{ border-color:rgb(142, 95, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 95, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 95, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 95, 134);  
box-shadow:4px 4px 4px 4px rgb(142, 95,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5506, 15.6564, 24.5458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 95, 134) }
```

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

```
.background{ background-color: rgb(142, 95,  
134) }
```

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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