

Converting Colors

XYZ(20.4395, 19.4711, 25.1831)

Have a look what the booklet for
XYZ(20.4395, 19.4711, 25.1831)
contains.

XYZ(20.4959, 19.5121, 25.2402)	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(20.4959, 19.5121,
25.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	867586
RGB	134, 117, 134
RGB Percent	53%, 46%, 53%
CMY	0.4745, 0.5412, 0.4745
CMYK	0.00, 0.13, 0.00, 0.47
HSL	300°, 7%, 49%
HSV	300°, 13%, 53%
XYZ	20.4959, 19.5121, 25.2402
YIQ	124.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

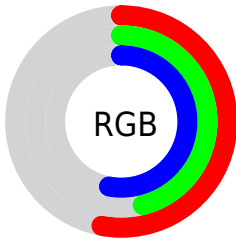
Format	Color
R_{YB}	134, 117, 134
Decimal	8811910
CIE Lab	51.28, 9.83, -6.86
CIE LCh	51, 11.984, 325.097
Yxy	19.5121, 0.3141, 0.2990
Android (android.graphics.Color)	4287001990 (0xFF867586)
YUV	124.0210, 4.9196, 8.7516
Hunter-Lab	44.1725, 5.5215, -2.9576

Details

The XYZ color **20.4959, 19.5121, 25.2402** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0729, 22.1171, 20.0945**, and the grayscale version is **19.1487, 20.1459, 21.9389**.

A 20% lighter version of the original color is **43.6511, 42.5286, 52.9219**, and **7.3845, 6.7812, 9.3072** is the 20% darker color. If you saturate the color by 10%, you get **19.0452, 16.6105, 24.7567**, and if you desaturate by 10%, it is **22.1712, 22.8624, 25.7990**.

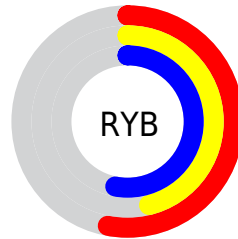
Distribution



Red (53%)

Green (46%)

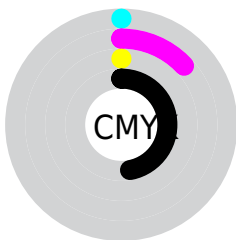
Blue (53%)



Red (53%)

Yellow (46%)

Blue (53%)

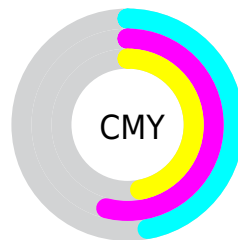


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4959, 19.5121, 25.2402 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 20.4959, 19.5121, 25.2402 by changing the saturation by 10% instead.

■ 20.4959, 19.5121,
25.2402

■ 20.4959, 19.5121,
25.2402

247.3699,
249.2614, 292.5179

■ 12.8664, 12.0409,
16.0355

■ 43.7447, 42.5977,
53.0156

■ 7.4130, 6.7715,
9.3946

■ 60.0946, 58.9808,
72.4233

■ 3.7703, 3.3196,
4.8991

■ 80.0821, 79.1034,
96.0691

■ 1.5730, 1.3008,
2.1305

104.0725,
103.3497, 124.3715

■ 0.3747, 0.1418,
0.6338

132.4311,
132.1044, 157.7490

■ 0.0000, 0.0000,
0.0000

165.5233,

165.7516, 196.6202

203.7145,
204.6758, 241.4037

■ 20.4959, 19.5121,
25.2402

■ 20.4959, 19.5121,
25.2402

■ 19.0452, 16.6105,
24.7567

■ 22.1712, 22.8624,
25.7990

■ 17.8081, 14.1362,
24.3442

■ 24.0784, 26.6767,
26.4349

■ 16.7748, 12.0698,
23.9996

■ 26.2263, 30.9725,
27.1510

■ 15.9346, 10.3894,
23.7194

■ 28.6231, 35.7660,
27.9501

■ 15.2754, 9.0710,
23.4995

■ 31.2762, 41.0722,
28.8346

■ 14.7839, 8.0881,
23.3356

■ 34.1931, 46.9058,
29.8070

■ 14.4451, 7.4105,
23.2225

■ 37.3806, 53.2809,
30.8697

■ 14.2410, 7.0024,
23.1543

■ 40.8456, 60.2108,
32.0248

■ 14.1346, 6.7896,
23.1187

■ 44.5945, 67.7086,
33.2746

Harmonies

Analogous

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



19.5381, 19.5121, 27.7837



20.4959, 19.5121, 25.2402



20.9321, 19.5121, 21.8132

Triad

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



20.4959, 19.5121, 25.2402



18.7429, 19.5121, 15.3369



16.5405, 19.5121, 24.1624

Complementary

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



20.4959, 19.5121, 25.2402



19.0729, 22.1171, 20.0945

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.



16.3479, 19.5121, 20.6875



20.4959, 19.5121, 25.2402



17.5875, 19.5121, 15.8228

Square

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



20.4959, 19.5121, 25.2402



19.8926, 19.5121, 16.2898



16.7232, 19.5121, 17.6960



17.2609, 19.5121, 27.1161

Rectangle

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



20.4959, 19.5121, 25.2402



20.8552, 19.5121, 19.5761



16.7232, 19.5121, 17.6960



16.4132, 19.5121, 23.0069

Sweetspot

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



20.4965, 19.5129, 25.2406



38.6245, 39.4040, 45.3083



18.0013, 18.2266, 25.1240



8.6555, 8.7848, 10.1921



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.



20.4965, 19.5129, 25.2406



35.3982, 32.9515, 44.2326



19.9272, 19.2852, 22.2428



4.8579, 4.7628, 5.8640



13.2459, 6.3627, 21.6653



0.0459, 0.0220, 0.0751

Inverse Universe

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



20.4965, 19.5129, 25.2406



35.3982, 32.9515, 44.2326



19.5956, 22.3262, 22.8472



4.8579, 4.7628, 5.8640



13.2459, 6.3627, 21.6653



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 20.4959, 19.5121, 25.2402 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 20.4959, 19.5121, 25.2402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

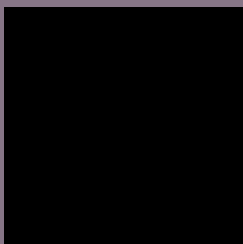
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

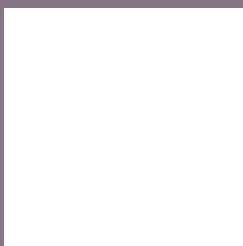
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4959, 19.5121, 25.2402

Background



This preview shows how black text looks on a background with the XYZ color 20.4959, 19.5121, 25.2402.



This preview shows how white text looks on a background with the XYZ color 20.4959, 19.5121,

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

20.4959, 19.5121, 25.2402

Protanopia

19.0985, 19.4740, 26.4192

Deuteranopia

19.9532, 19.5820, 25.2823



Tritanopia

19.9821, 19.4757, 22.7847

Trichromacy



Original Color

20.4959, 19.5121, 25.2402

Protanomaly

19.6179, 19.5705, 26.0361

Deuteranomaly

20.1416, 19.5034, 25.2572

Tritanomaly

20.1806, 19.5551, 23.8300

Monochromacy



Original Color

20.4959, 19.5121, 25.2402

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6357, 19.8225, 23.2133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4959, 19.5121, 25.2402 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(134, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 117, 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(134, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 117, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.4959, 19.5121, 25.2402 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(134, 117, 134) }
```


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

```
.border{ border-color:rgb(134, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 117,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4959, 19.5121, 25.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 117, 134) }
```

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

```
.background{ background-color: rgb(134,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor