

Converting Colors

XYZ(19.5827, 19.0850, 23.7883)

Have a look what the booklet for
XYZ(19.5827, 19.0850, 23.7883)
contains.

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Color

**XYZ(19.5965, 19.0801,
23.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	827582
RGB	130, 117, 130
RGB Percent	51%, 46%, 51%
CMY	0.4902, 0.5412, 0.4902
CMYK	0.00, 0.10, 0.00, 0.49
HSL	300°, 5%, 48%
HSV	300°, 10%, 51%
XYZ	19.5965, 19.0801, 23.7691
YIQ	122.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

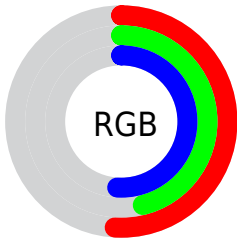
Format	Color
R_{YB}	130, 117, 130
Decimal	8549762
CIE Lab	50.78, 7.53, -5.29
CIE LCh	51, 9.202, 324.948
Yxy	19.0801, 0.3138, 0.3055
Android (android.graphics.Color)	4286739842 (0xFF827582)
YUV	122.3690, 3.7621, 6.6924
Hunter-Lab	43.6808, 3.6391, -1.6864

Details

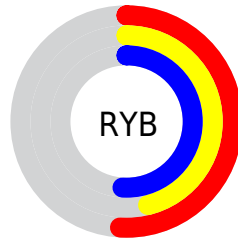
The XYZ color **19.5965, 19.0801, 23.7691** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5304, 21.0321, 19.9136**, and the grayscale version is **18.6070, 19.5761, 21.3183**.

A 20% lighter version of the original color is **42.2636, 41.8621, 50.6524**, and **7.0067, 6.5997, 8.6892** is the 20% darker color. If you saturate the color by 10%, you get **18.1860, 16.2588, 23.2991**, and if you desaturate by 10%, it is **21.2185, 22.3237, 24.3101**.

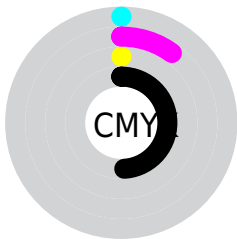
Distribution



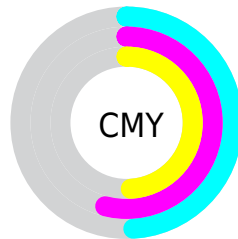
- Red (51%)
- Green (46%)
- Blue (51%)



- Red (51%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5965, 19.0801, 23.7691 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 19.5965, 19.0801, 23.7691 by changing the saturation by 10% instead.

■ 19.5965, 19.0801,
23.7691

■ 19.5965, 19.0801,
23.7691

242.5977,
246.8906, 284.8999

■ 12.2086, 11.7282,
14.9518

■ 42.2488, 41.8694,
50.5922

■ 6.9591, 6.5589,
8.6393

■ 58.2439, 58.0756,
69.4352

■ 3.4827, 3.1878,
4.4131

■ 77.8388, 78.0019,
92.4571

■ 1.4138, 1.2305,
1.8546

101.3989,
102.0329, 120.0765

■ 0.2661, 0.0864,
0.4636

129.2894,
130.5529, 152.7119

■ 0.0000, 0.0000,
0.0000

161.8758,

163.9462, 190.7819

199.5235,
202.5973, 234.7051

■ 19.5965, 19.0801,
23.7691

■ 19.5965, 19.0801,
23.7691

■ 18.1860, 16.2588,
23.2991

■ 21.2185, 22.3237,
24.3101

■ 16.9767, 13.8403,
22.8959

■ 23.0584, 26.0035,
24.9235

■ 15.9599, 11.8068,
22.5569

■ 25.1245, 30.1357,
25.6122

■ 15.1258, 10.1385,
22.2788

■ 27.4241, 34.7349,
26.3789

■ 14.4634, 8.8138,
22.0579

■ 29.9642, 39.8150,
27.2256

■ 13.9609, 7.8088,
21.8903

■ 32.7514, 45.3895,
28.1548

■ 13.6047, 7.0965,
21.7715

■ 35.7923, 51.4713,
29.1685

■ 13.3792, 6.6455,
21.6963

■ 39.0930, 58.0727,
30.2688

■ 13.2353, 6.3576,
21.6482

■ 42.6595, 65.2056,
31.4577

Harmonies

Analogous

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



18.8786, 19.0801, 25.6266



19.5965, 19.0801, 23.7691



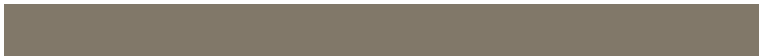
19.9234, 19.0801, 21.2167

Triad

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



19.5965, 19.0801, 23.7691



18.2886, 19.0801, 16.1977



16.6033, 19.0801, 22.9477

Complementary

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



19.5965, 19.0801, 23.7691



18.5304, 21.0321, 19.9136

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.



16.4571, 19.0801, 20.3394



19.5965, 19.0801, 23.7691



17.4113, 19.0801, 16.5779

Square

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



19.5965, 19.0801, 23.7691



19.1524, 19.0801, 16.9582



16.7482, 19.0801, 18.0435



17.1544, 19.0801, 25.1254

Rectangle

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



19.5965, 19.0801, 23.7691



19.8679, 19.0801, 19.5164



16.7482, 19.0801, 18.0435



16.5060, 19.0801, 22.0865

Sweetspot

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



19.5971, 19.0809, 23.7695



36.4501, 37.4798, 42.5056



17.7275, 18.1171, 23.6821



8.2021, 8.3870, 9.6049



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.5971, 19.0809, 23.7695



33.9145, 32.4086, 41.6603



19.1744, 18.9119, 21.5439



4.4982, 4.4124, 5.4279



12.6903, 6.0958, 20.7569



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.5971, 19.0809, 23.7695



33.9145, 32.4086, 41.6603



18.9260, 21.1903, 21.9967



4.4982, 4.4124, 5.4279



12.6903, 6.0958, 20.7569



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.5965, 19.0801, 23.7691 looks on a white background.

Color Contrast Check

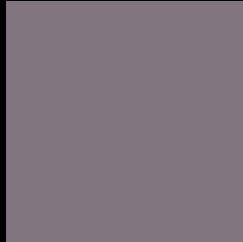
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5965, 19.0801, 23.7691 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 19.5965, 19.0801, 23.7691

Background



This preview shows how black text looks on a background with the XYZ color 19.5965, 19.0801, 23.7691.

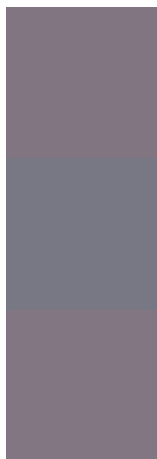


This preview shows how white text looks on a background with the XYZ color 19.5965, 19.0801,

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

19.5965, 19.0801, 23.7691

Protanopia

18.6271, 19.0920, 24.5332

Deuteranopia

19.5610, 19.2357, 23.8010



Tritanopia

19.5151, 19.2350, 22.7628

Trichromacy



Original Color

19.5965, 19.0801, 23.7691

Protanomaly

19.0057, 19.1174, 24.1611

Deuteranomaly

19.5610, 19.2357, 23.8010

Tritanomaly

19.5806, 19.2612, 23.1078

Monochromacy



Original Color

19.5965, 19.0801, 23.7691

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8756, 19.2736, 22.1274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5965, 19.0801, 23.7691 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(130, 117, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 117, 130)  
}
```

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(130, 117, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 117, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.5965, 19.0801, 23.7691 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(130, 117, 130) }
```


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

```
.border{ border-color:rgb(130, 117, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 117, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 117, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 117, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 117,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5965, 19.0801, 23.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 117, 130) }
```

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

```
.background{ background-color: rgb(130,  
117, 130) }
```

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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