

Converting Colors

XYZ(19.7728, 18.8443, 25.4607)

Have a look what the booklet for
XYZ(19.7728, 18.8443, 25.4607)
contains.

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Color

**XYZ(19.7098, 18.7566,
25.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	827387
RGB	130, 115, 135
RGB Percent	51%, 45%, 53%
CMY	0.4902, 0.5490, 0.4706
CMYK	0.04, 0.15, 0.00, 0.47
HSL	285°, 8%, 49%
HSV	285°, 15%, 53%
XYZ	19.7098, 18.7566, 25.5032
YIQ	121.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

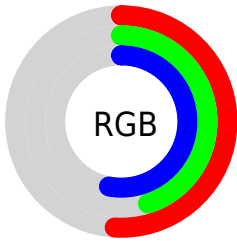
Format	Color
R_{YB}	130, 115, 135
Decimal	8549255
CIE _{Lab}	50.40, 9.74, -8.80
CIE _{LCh}	50, 13.125, 317.897
Yxy	18.7566, 0.3081, 0.2932
Android (android.graphics.Color)	4286739335 (0xFF827387)
YUV	121.7650, 6.5249, 7.2221
Hunter-Lab	43.3089, 5.4445, -4.5977

Details

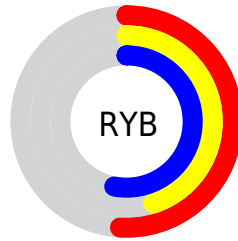
The XYZ color **19.7098, 18.7566, 25.5032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5050, 22.5593, 19.5470**, and the grayscale version is **18.4014, 19.3597, 21.0827**.

A 20% lighter version of the original color is **42.4243, 41.3356, 53.3195**, and **7.0402, 6.4195, 9.4624** is the 20% darker color. If you saturate the color by 10%, you get **17.7726, 15.6380, 25.0036**, and if you desaturate by 10%, it is **21.8906, 22.3365, 26.0795**.

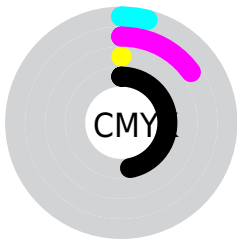
Distribution



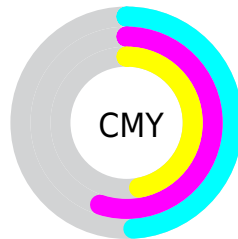
- Red (51%)
- Green (45%)
- Blue (53%)



- Red (51%)
- Yellow (45%)
- Blue (53%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7098, 18.7566, 25.5032 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 19.7098, 18.7566, 25.5032 by changing the saturation by 10% instead.

■ 19.7098, 18.7566,
25.5032

■ 19.7098, 18.7566,
25.5032

243.2034,
245.1017, 293.8622

■ 12.2913, 11.4945,
16.2299

■ 42.4378, 41.3224,
53.4466

■ 7.0160, 6.4005,
9.5309

■ 58.4780, 57.3949,
72.9538

■ 3.5185, 3.0901,
4.9875

■ 78.1228, 77.1731,
96.7094

■ 1.4335, 1.1790,
2.1813

■ 101.7375,
101.0412, 125.1319

■ 0.2799, 0.0444,
0.6636

129.6876,
129.3838, 158.6399

■ 0.0000, 0.0000,
0.0000

162.3384,

162.5851, 197.6520

200.0552,
201.0296, 242.5865

■ 19.7098, 18.7566,
25.5032

■ 19.7098, 18.7566,
25.5032

■ 17.7726, 15.6380,
25.0036

■ 21.8906, 22.3365,
26.0795

■ 16.0674, 12.9587,
24.5763

■ 24.3226, 26.3937,
26.7345

■ 14.5840, 10.6984,
24.2182

■ 27.0152, 30.9464,
27.4713

■ 13.3111, 8.8344,
23.9256

■ 29.9768, 36.0112,
28.2928

■ 12.2359, 7.3417,
23.6941

■ 33.2153, 41.6037,
29.2016

■ 11.3444, 6.1924,
23.5192

■ 36.7384, 47.7390,
30.2001

■ 10.6205, 5.3546,
23.3957

■ 40.5534, 54.4315,
31.2909

■ 10.0424, 4.7847,
23.3162

■ 44.6675, 61.6953,
32.4761

■ 9.7676, 4.5302,
23.2815

■ 49.0873, 69.5436,
33.7580

Harmonies

Analogous

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



18.5919, 18.7566, 27.8623



19.7098, 18.7566, 25.5032



20.3347, 18.7566, 21.9311

Triad

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



19.7098, 18.7566, 25.5032



18.3468, 18.7566, 14.2961



15.5941, 18.7566, 22.6581

Complementary

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



19.7098, 18.7566, 25.5032



19.5050, 22.5593, 19.5470

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.



15.5355, 18.7566, 18.9852



19.7098, 18.7566, 25.5032



17.0845, 18.7566, 14.4415

Square

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



19.7098, 18.7566, 25.5032



19.5230, 18.7566, 15.6422



16.0692, 18.7566, 16.0662



16.2333, 18.7566, 26.0898

Rectangle

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



19.7098, 18.7566, 25.5032



20.3688, 18.7566, 19.4729



16.0692, 18.7566, 16.0662



15.5070, 18.7566, 21.4030

Sweetspot

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



19.7104, 18.7574, 25.5036



39.5011, 40.4964, 46.7830



18.2008, 18.9083, 25.6123



9.0827, 9.2703, 10.8170



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.7104, 18.7574, 25.5036



34.0022, 31.4920, 45.3348



20.1747, 19.0339, 23.8476



4.7472, 4.7058, 5.8589



9.0194, 4.1838, 21.4689



0.0379, 0.0179, 0.0747

Inverse Universe

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



19.5133, 18.7693, 20.3648



33.5925, 31.5289, 34.1060



19.1049, 22.3213, 20.9658



4.7168, 4.7064, 5.1211



9.4814, 4.8569, 1.8414



0.0354, 0.0179, 0.0199

Previews

White Background



This preview shows how the XYZ color 19.7098, 18.7566, 25.5032 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 19.7098, 18.7566, 25.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

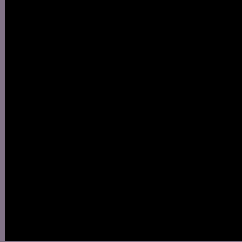
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7098, 18.7566, 25.5032

Background



This preview shows how black text looks on a background with the XYZ color 19.7098, 18.7566, 25.5032.



This preview shows how white text looks on a background with the XYZ color 19.7098, 18.7566,

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

19.7098, 18.7566, 25.5032

Protanopia

18.5204, 18.8105, 26.6994

Deuteranopia

19.1919, 18.8318, 25.5451



Tritanopia

19.1804, 18.8961, 22.3750

Trichromacy



Original Color

19.7098, 18.7566, 25.5032

Protanomaly

19.0198, 18.9006, 26.3126

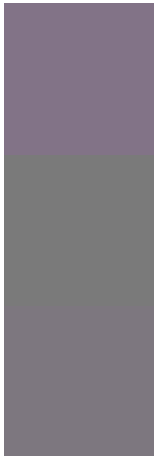
Deuteranomaly

19.3710, 18.7521, 25.5202

Tritanomaly

19.2611, 18.7429, 23.3714

Monochromacy



Original Color

19.7098, 18.7566, 25.5032

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8850, 19.0859, 22.7673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7098, 18.7566, 25.5032 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, 115, 135)` looks like.

```
.text, #text, p{  
    color:rgb(130, 115, 135)  
}
```

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, 115, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 115, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.7098, 18.7566, 25.5032 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, 115, 135) }
```


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

```
.border{ border-color:rgb(130, 115, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 115, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 115, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 115, 135); box-shadow:4px 4px 4px 4px rgb(130, 115, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7098, 18.7566, 25.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 115, 135) }
```

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

```
.background{ background-color: rgb(130,  
115, 135) }
```

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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