

Converting Colors

XYZ(19.7651, 17.8046, 25.3157)

Have a look what the booklet for
XYZ(19.7651, 17.8046, 25.3157)
contains.

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Color

**XYZ(19.8335, 17.8374,
25.3193)**

Conversions

Conversions Part 1

Format	Color
Hex	876D87
RGB	135, 109, 135
RGB Percent	53%, 43%, 53%
CMY	0.4706, 0.5725, 0.4706
CMYK	0.00, 0.19, 0.00, 0.47
HSL	300°, 11%, 48%
HSV	300°, 19%, 53%
XYZ	19.8335, 17.8374, 25.3193
YIQ	119.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

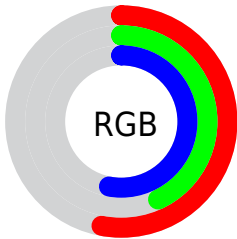
Format	Color
R_{YB}	135, 109, 135
Decimal	8875399
CIE _{Lab}	49.30, 15.11, -10.40
CIE _{LCh}	49, 18.345, 325.449
Yxy	17.8374, 0.3149, 0.2832
Android (android.graphics.Color)	4287065479 (0xFF876D87)
YUV	119.7380, 7.5242, 13.3848
Hunter-Lab	42.2343, 9.9146, -5.9800

Details

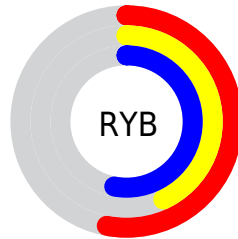
The XYZ color **19.8335, 17.8374, 25.3193** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7317, 21.6839, 17.7198**, and the grayscale version is **17.7445, 18.6686, 20.3302**.

A 20% lighter version of the original color is **42.5610, 39.8119, 53.0182**, and **7.0547, 5.9247, 9.3661** is the 20% darker color. If you saturate the color by 10%, you get **18.5027, 15.1756, 24.8758**, and if you desaturate by 10%, it is **21.3866, 20.9432, 25.8373**.

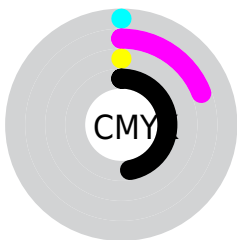
Distribution



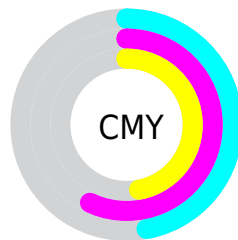
- Red (53%)
- Green (43%)
- Blue (53%)



- Red (53%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8335, 17.8374, 25.3193 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 19.8335, 17.8374, 25.3193 by changing the saturation by 10% instead.

■ 19.8335, 17.8374,
25.3193

■ 19.8335, 17.8374,
25.3193

243.8631,
239.9529, 292.9228

■ 12.3816, 10.8333,
16.0939

■ 42.6439, 39.7601,
53.1453

■ 7.0782, 5.9549,
9.4356

■ 58.7332, 55.4474,
72.5830

■ 3.5578, 2.8177,
4.9257

■ 78.4323, 74.7980,
96.2618

■ 1.4552, 1.0373,
2.1457

■ 102.1067, 98.1962,
124.6004

■ 0.2950, 0.0000,
0.6428

130.1215,
126.0264, 158.0173

■ 0.0000, 0.0000,
0.0000

162.8423,

158.6730, 196.9309

200.6344,
196.5204, 241.7599

■ 19.8335, 17.8374,
25.3193

■ 19.8335, 17.8374,
25.3193

■ 18.5027, 15.1756,
24.8758

■ 21.3866, 20.9432,
25.8373

■ 17.3825, 12.9353,
24.5023

■ 23.1697, 24.5095,
26.4318

■ 16.4627, 11.0956,
24.1956

■ 25.1924, 28.5548,
27.1061

■ 15.7313, 9.6329,
23.9518

■ 27.4630, 33.0959,
27.8630

■ 15.1754, 8.5211,
23.7664

■ 29.9894, 38.1488,
28.7052

■ 14.7803, 7.7309,
23.6346

■ 32.7794, 43.7288,
29.6353

■ 14.5288, 7.2280,
23.5507

■ 35.8403, 49.8505,
30.6557

■ 14.3758, 6.9220,
23.4996

■ 39.1791, 56.5280,
31.7687

■ 14.3650, 6.9002,
23.4959

■ 42.8025, 63.7749,
32.9766

Harmonies

Analogous

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



18.4187, 17.8374, 29.3180



19.8335, 17.8374, 25.3193



20.4779, 17.8374, 20.1850

Triad

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



19.8335, 17.8374, 25.3193



17.2183, 17.8374, 11.4117



14.1332, 17.8374, 23.7940

Complementary

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



19.8335, 17.8374, 25.3193



17.7317, 21.6839, 17.7198

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.



13.8593, 17.8374, 18.6783



19.8335, 17.8374, 25.3193



15.5689, 17.8374, 12.0485

Square

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



19.8335, 17.8374, 25.3193



18.9044, 17.8374, 12.6048



14.3675, 17.8374, 14.5197



15.1424, 17.8374, 28.3379

Rectangle

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



19.8335, 17.8374, 25.3193



20.3542, 17.8374, 17.0010



14.3675, 17.8374, 14.5197



13.9551, 17.8374, 22.0624

Sweetspot

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



19.8340, 17.8382, 25.3197



39.2508, 39.4091, 46.5862



16.1492, 15.9386, 25.1474



9.0510, 9.0486, 10.7758



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.



19.8340, 17.8382, 25.3197



34.4560, 29.8195, 44.9877



18.9738, 17.4941, 20.7897



4.8579, 4.7628, 5.8640



13.2461, 6.3628, 21.6658



0.0459, 0.0220, 0.0751

Inverse Universe

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



19.8340, 17.8382, 25.3197



34.4560, 29.8195, 44.9877



18.4841, 21.9849, 21.6823



4.8579, 4.7628, 5.8640



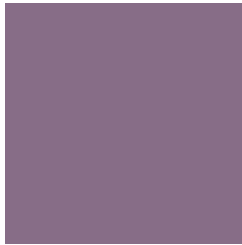
13.2461, 6.3628, 21.6658



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 19.8335, 17.8374, 25.3193 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 19.8335, 17.8374, 25.3193 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 19.8335, 17.8374, 25.3193

Background



This preview shows how black text looks on a background with the XYZ color 19.8335, 17.8374, 25.3193.



This preview shows how white text looks on a background with the XYZ color 19.8335, 17.8374,

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

19.8335, 17.8374, 25.3193

Protanopia

17.6611, 17.8290, 27.3214

Deuteranopia

18.2055, 17.8208, 25.0345



Tritanopia

18.8572, 17.9310, 20.2364

Trichromacy



Original Color

19.8335, 17.8374, 25.3193

Protanomaly

18.2383, 17.6383, 26.4880

Deuteranomaly

18.7014, 17.7452, 24.9937

Tritanomaly

19.2176, 17.9179, 21.8477

Monochromacy



Original Color

19.8335, 17.8374, 25.3193

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.4045, 18.3314, 21.9703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8335, 17.8374, 25.3193 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(135, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 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(135, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.8335, 17.8374, 25.3193 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(135, 109, 135) }
```


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

```
.border{ border-color:rgb(135, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8335, 17.8374, 25.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 135) }
```

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

```
.background{ background-color: rgb(135,  
109, 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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