

Converting Colors

XYZ(19.8815, 20.8674, 23.7494)

Have a look what the booklet for
XYZ(19.8815, 20.8674, 23.7494)
contains.

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Color

**XYZ(19.8807, 20.8667,
23.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7E81
RGB	125, 126, 129
RGB Percent	49%, 49%, 51%
CMY	0.5098, 0.5059, 0.4941
CMYK	0.03, 0.02, 0.00, 0.49
HSL	225°, 2%, 50%
HSV	225°, 3%, 51%
XYZ	19.8807, 20.8667, 23.7487
YIQ	126.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

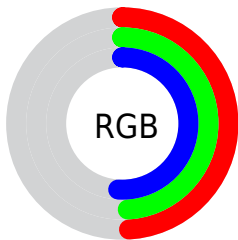
Format	Color
R_{YB}	125, 126, 129
Decimal	8224385
CIE Lab	52.80, 0.24, -1.76
CIE LCh	53, 1.779, 277.645
Yxy	20.8667, 0.3082, 0.3235
Android (android.graphics.Color)	4286414465 (0xFF7D7E81)
YUV	126.0430, 1.4578, -0.9147
Hunter-Lab	45.6801, -2.2541, 1.1517

Details

The XYZ color **19.8807, 20.8667, 23.7487** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4740, 21.5856, 22.4895**, and the grayscale version is **19.8419, 20.8752, 22.7331**.

A 20% lighter version of the original color is **42.9237, 45.0826, 50.6955**, and **7.0823, 7.4234, 8.6490** is the 20% darker color. If you saturate the color by 10%, you get **16.9418, 17.6052, 23.2744**, and if you desaturate by 10%, it is **23.1849, 24.4950, 24.2752**.

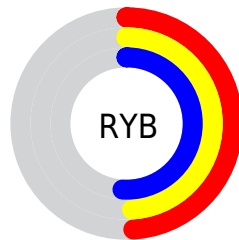
Distribution



Red (49%)

Green (49%)

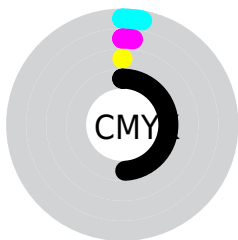
Blue (51%)



Red (49%)

Yellow (49%)

Blue (51%)

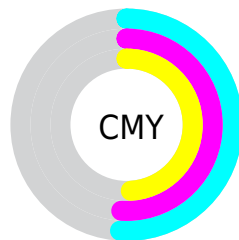


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (49%)



Cyan (51%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8807, 20.8667, 23.7487 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 19.8807, 20.8667, 23.7487 by changing the saturation by 10% instead.

■ 19.8807, 20.8667,
23.7487

■ 19.8807, 20.8667,
23.7487

244.1144,
256.5692, 284.7930

■ 12.4161, 13.0266,
14.9368

■ 42.7225, 44.8656,
50.5585

■ 7.1019, 7.4469,
8.6289

■ 58.8305, 61.7932,
69.3935

■ 3.5728, 3.7431,
4.4065

■ 78.5503, 82.5187,
92.4066

■ 1.4634, 1.5309,
1.8509

102.2473,
107.4265, 120.0164

■ 0.3007, 0.3103,
0.4612

130.2869,
136.9011, 152.6414

■ 0.0000, 0.0000,
0.0000

163.0344,

171.3268, 190.7001

200.8551,
211.0881, 234.6112

■ 19.8807, 20.8667,
23.7487

■ 19.8807, 20.8667,
23.7487

■ 16.9418, 17.6052,
23.2744

■ 23.1849, 24.4950,
24.2752

■ 14.3536, 14.6961,
22.8493

■ 26.8646, 28.4984,
24.8540

■ 12.1033, 12.1284,
22.4723

■ 30.9320, 32.8884,
25.4870

■ 10.1765, 9.8889,
22.1416

■ 35.3980, 37.6751,
26.1755

■ 8.5577, 7.9641,
21.8554

■ 40.2733, 42.8682,
26.9209

■ 7.2304, 6.3392,
21.6117

■ 45.5680, 48.4771,
27.7245

■ 6.1760, 4.9981,
21.4084

■ 51.2920, 54.5110,
28.5875

■ 5.3739, 3.9232,
21.2432

■ 57.4546, 60.9787,
29.5110

■ 4.7999, 3.0944,
21.1135

■ 64.0652, 67.8886,
30.4964

Harmonies

Analogous

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



19.6977, 20.8667, 23.6790



19.8807, 20.8667, 23.7487



20.0520, 20.8667, 23.5395

Triad

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



19.8807, 20.8667, 23.7487



20.1172, 20.8667, 22.1016



19.5049, 20.8667, 22.3337

Complementary

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



19.8807, 20.8667, 23.7487



20.4740, 21.5856, 22.4895

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.



19.6159, 20.8667, 21.9203



19.8807, 20.8667, 23.7487



19.9693, 20.8667, 21.7878

Square

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



19.8807, 20.8667, 23.7487



20.1891, 20.8667, 22.5846



19.7857, 20.8667, 21.7220



19.4815, 20.8667, 22.8566

Rectangle

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



19.8807, 20.8667, 23.7487



20.1363, 20.8667, 23.2718



19.7857, 20.8667, 21.7220



19.5331, 20.8667, 22.1775

Sweetspot

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



19.8813, 20.8676, 23.7492



36.7773, 38.6639, 42.7170



20.1998, 21.6175, 23.5073



8.3338, 8.7618, 9.6703



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.



19.8813, 20.8676, 23.7492



35.0512, 36.7599, 42.4405



19.8906, 20.6829, 23.7130



4.5041, 4.7218, 5.4873



4.3791, 2.5767, 20.5165



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.1532, 20.8410, 22.7003



35.6906, 36.7000, 39.9734



20.4643, 21.7758, 22.5267



4.5957, 4.7134, 5.1337



9.0874, 4.6546, 1.7838



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.8807, 20.8667, 23.7487 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 19.8807, 20.8667, 23.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

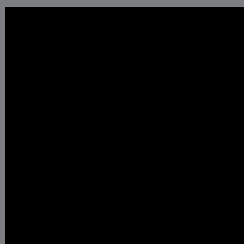
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

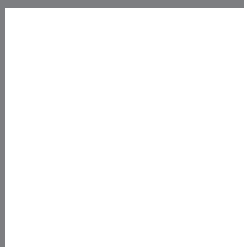
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8807, 20.8667, 23.7487

Background



This preview shows how black text looks on a background with the XYZ color 19.8807, 20.8667, 23.7487.



This preview shows how white text looks on a background with the XYZ color 19.8807, 20.8667,

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

19.8807, 20.8667, 23.7487

Protanopia

20.0485, 20.7642, 23.7201

Deuteranopia

21.1421, 20.7650, 24.0128



Tritanopia

20.3110, 20.8521, 25.8760

Trichromacy



Original Color

19.8807, 20.8667, 23.7487

Protanomaly

19.9002, 20.6878, 23.7132

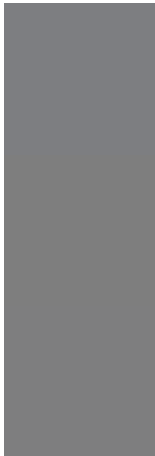
Deuteranomaly

20.6279, 20.6832, 24.0241

Tritanomaly

20.1714, 20.7963, 25.1412

Monochromacy



Original Color

19.8807, 20.8667, 23.7487

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8958, 20.8896, 23.0622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8807, 20.8667, 23.7487 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(125, 126, 129) looks like.

```
.text, #text, p{  
    color:rgb(125, 126, 129)  
}
```

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(125, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 126, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.8807, 20.8667, 23.7487 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(125, 126, 129) }
```


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

```
.border{ border-color:rgb(125, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 126,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8807, 20.8667, 23.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 126, 129) }
```

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

```
.background{ background-color: rgb(125,  
126, 129) }
```

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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