

Converting Colors

XYZ(19.6087, 19.9426, 25.0219)

Have a look what the booklet for
XYZ(19.6087, 19.9426, 25.0219)
contains.

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Color

**XYZ(19.6506, 19.9725,
25.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7A85
RGB	125, 122, 133
RGB Percent	49%, 48%, 52%
CMY	0.5098, 0.5216, 0.4784
CMYK	0.06, 0.08, 0.00, 0.48
HSL	256°, 4%, 50%
HSV	256°, 8%, 52%
XYZ	19.6506, 19.9725, 25.0097
YIQ	124.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

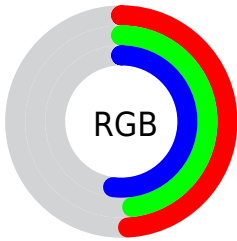
Format	Color
R_{YB}	125, 122, 133
Decimal	8223365
CIE Lab	51.81, 3.39, -5.58
CIE LCh	52, 6.524, 301.259
Yxy	19.9725, 0.3040, 0.3090
Android (android.graphics.Color)	4286413445 (0xFF7D7A85)
YUV	124.1510, 4.3626, 0.7446
Hunter-Lab	44.6906, 0.2785, -1.8964

Details

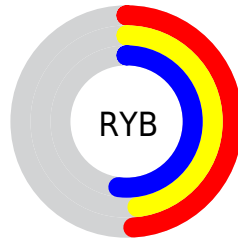
The XYZ color **19.6506, 19.9725, 25.0097** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.1071, 22.9266, 21.7262**, and the grayscale version is **19.1953, 20.1950, 21.9923**.

A 20% lighter version of the original color is **42.3591, 43.2823, 52.5761**, and **6.9633, 6.9417, 9.3604** is the 20% darker color. If you saturate the color by 10%, you get **16.7839, 16.2345, 24.4396**, and if you desaturate by 10%, it is **22.8796, 24.2302, 25.6616**.

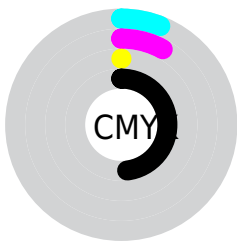
Distribution



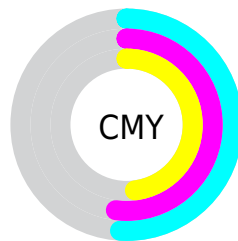
- Red (49%)
- Green (48%)
- Blue (52%)



- Red (49%)
- Yellow (48%)
- Blue (52%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6506, 19.9725, 25.0097 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 19.6506, 19.9725, 25.0097 by changing the saturation by 10% instead.

■ 19.6506, 19.9725,
25.0097

■ 19.6506, 19.9725,
25.0097

242.8871,
251.7662, 291.3355

■ 12.2481, 12.3751,
15.8652

■ 42.3390, 43.3711,
52.6373

■ 6.9863, 6.9996,
9.2755

■ 58.3557, 59.9410,
71.9574

■ 3.4998, 3.4619,
4.8220

■ 77.9744, 80.2705,
95.5065

■ 1.4232, 1.3774,
2.0863

101.5606,
104.7441, 123.7032

■ 0.2727, 0.1999,
0.6076

129.4796,
133.7460, 156.9658

■ 0.0000, 0.0000,
0.0000

162.0968,

167.6608, 195.7131

199.7775,
206.8727, 240.3634

■ 19.6506, 19.9725,
25.0097

■ 19.6506, 19.9725,
25.0097

■ 16.7839, 16.2345,
24.4396

■ 22.8796, 24.2302,
25.6616

■ 14.2648, 12.9935,
23.9468

■ 26.4814, 29.0240,
26.3971

■ 12.0801, 10.2291,
23.5283

■ 30.4683, 34.3726,
27.2194

■ 10.2153, 7.9183,
23.1806

■ 34.8513, 40.2933,
28.1312

■ 8.6544, 6.0362,
22.8996

■ 39.6413, 46.8025,
29.1351

7.3803, 4.5554,
22.6809

44.8484, 53.9158,
30.2337

6.3739, 3.4455,
22.5197

50.4827, 61.6485,
31.4293

5.6134, 2.6711,
22.4103

56.5536, 70.0151,
32.7242

5.0553, 2.1542,
22.3400

63.0705, 79.0297,
34.1207

Harmonies

Analogous

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



19.0112, 19.9725, 25.5934



19.6506, 19.9725, 25.0097



20.1199, 19.9725, 23.5447

Triad

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



19.6506, 19.9725, 25.0097



19.6011, 19.9725, 18.7081



17.7405, 19.9725, 21.8268

Complementary

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



19.6506, 19.9725, 25.0097



21.1071, 22.9266, 21.7262

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.



17.8903, 19.9725, 20.0426



19.6506, 19.9725, 25.0097



18.9553, 19.9725, 18.3061

Square

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



19.6506, 19.9725, 25.0097



20.0908, 19.9725, 19.9116



18.3312, 19.9725, 18.7805



17.9172, 19.9725, 23.6911

Rectangle

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



19.6506, 19.9725, 25.0097



20.2677, 19.9725, 22.3046



18.3312, 19.9725, 18.7805



17.7543, 19.9725, 21.1981

Sweetspot

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



19.6512, 19.9733, 25.0101



38.7114, 40.4008, 45.4962



20.2519, 21.8147, 25.3339



8.7402, 9.1268, 10.2537



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.



19.6512, 19.9733, 25.0101



34.1351, 34.3846, 44.5762



20.4664, 20.3936, 25.0483



4.5448, 4.6015, 5.8494



4.7411, 1.9783, 21.2687



0.0227, 0.0101, 0.0740

Inverse Universe

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



20.6624, 20.5182, 23.9916



36.3515, 35.5793, 42.3272



20.2954, 22.5081, 21.6882



4.8052, 4.7417, 5.5863



11.2611, 5.5688, 11.2131



0.0421, 0.0205, 0.0550

Previews

White Background



This preview shows how the XYZ color 19.6506, 19.9725, 25.0097 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 19.6506, 19.9725, 25.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

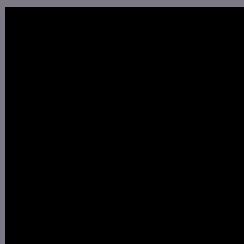
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

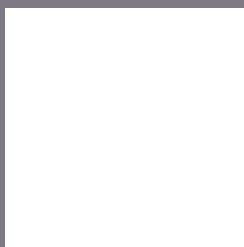
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6506, 19.9725, 25.0097

Background



This preview shows how black text looks on a background with the XYZ color 19.6506, 19.9725, 25.0097.



This preview shows how white text looks on a background with the XYZ color 19.6506, 19.9725,

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

19.6506, 19.9725, 25.0097

Protanopia

19.4850, 20.0703, 25.0373

Deuteranopia

20.3102, 19.9517, 24.9709



Tritanopia

19.5818, 19.9450, 24.6475

Trichromacy



Original Color

19.6506, 19.9725, 25.0097

Protanomaly

19.6288, 20.1445, 25.0440

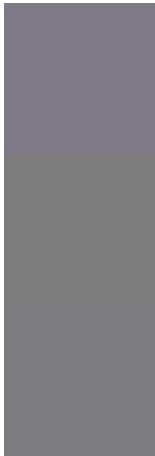
Deuteranomaly

20.1243, 20.0353, 24.9968

Tritanomaly

19.5818, 19.9450, 24.6475

Monochromacy



Original Color

19.6506, 19.9725, 25.0097

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2259, 19.9833, 22.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6506, 19.9725, 25.0097 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, 122, 133)` looks like.

```
.text, #text, p{  
    color:rgb(125, 122, 133)  
}
```

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, 122, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 122, 133) }
```

Border

The CSS property to change the border of an element to XYZ 19.6506, 19.9725, 25.0097 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, 122, 133) }
```


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

```
.border{ border-color:rgb(125, 122, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 122, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 122, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 122, 133);  
box-shadow:4px 4px 4px 4px rgb(125, 122,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6506, 19.9725, 25.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 122, 133) }
```

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

```
.background{ background-color: rgb(125,  
122, 133) }
```

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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