

Converting Colors

XYZ(19.3130, 20.3538, 25.1011)

Have a look what the booklet for
XYZ(19.3130, 20.3538, 25.1011)
contains.

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Color

**XYZ(19.3130, 20.3538,
25.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	787D85
RGB	120, 125, 133
RGB Percent	47%, 49%, 52%
CMY	0.5294, 0.5098, 0.4784
CMYK	0.10, 0.06, 0.00, 0.48
HSL	217°, 5%, 50%
HSV	217°, 10%, 52%
XYZ	19.3130, 20.3538, 25.1011
YIQ	124.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

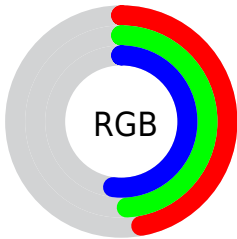
Format	Color
R_{YB}	120, 124, 133
Decimal	7896453
CIE Lab	52.23, -0.17, -4.99
CIE LCh	52, 4.989, 268.097
Yxy	20.3538, 0.2982, 0.3143
Android (android.graphics.Color)	4286086533 (0xFF787D85)
YUV	124.4170, 4.2314, -3.8737
Hunter-Lab	45.1152, -2.5389, -1.4070

Details

The XYZ color **19.3130, 20.3538, 25.1011** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7823, 21.7808, 20.8784**, and the grayscale version is **19.2855, 20.2899, 22.0957**.

A 20% lighter version of the original color is **41.7966, 44.1566, 52.7745**, and **6.8572, 7.1867, 9.4133** is the 20% darker color. If you saturate the color by 10%, you get **16.6016, 17.4816, 24.6899**, and if you desaturate by 10%, it is **22.3672, 23.5305, 25.5536**.

Distribution



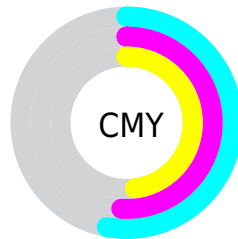
- Red (47%)
- Green (49%)
- Blue (52%)



- Red (47%)
- Yellow (49%)
- Blue (52%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3130, 20.3538, 25.1011 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 19.3130, 20.3538, 25.1011 by changing the saturation by 10% instead.

■ 19.3130, 20.3538,
25.1011

■ 19.3130, 20.3538,
25.1011

241.0764,
253.8241, 291.8048

■ 12.0020, 12.6525,
15.9327

■ 41.7751, 44.0096,
52.7873

■ 6.8173, 7.1897,
9.3227

■ 57.6570, 60.7328,
72.1423

■ 3.3934, 3.5810,
4.8526

■ 77.1265, 81.2321,
95.7297

■ 1.3650, 1.4421,
2.1038

100.5490,
105.8920, 123.9684

■ 0.2311, 0.2474,
0.6180

128.2899,
135.0967, 157.2766

■ 0.0000, 0.0000,
0.0000

160.7145,

169.2307, 196.0731

198.1882,
208.6783, 240.7763

■ 19.3130, 20.3538,
25.1011

■ 19.3130, 20.3538,
25.1011

■ 16.6016, 17.4816,
24.6899

■ 22.3672, 23.5305,
25.5536

■ 14.2187, 14.9018,
24.3176

■ 25.7742, 27.0182,
26.0472

■ 12.1515, 12.6053,
23.9833

■ 29.5460, 30.8265,
26.5835

■ 10.3857, 10.5814,
23.6857

■ 33.6933, 34.9635,
27.1634

■ 8.9057, 8.8187,
23.4234

■ 38.2264, 39.4373,
27.7881

■ 7.6947, 7.3049,
23.1951

■ 43.1552, 44.2556,
28.4583

■ 6.7336, 6.0263,
22.9989

■ 48.4893, 49.4258,
29.1751

■ 6.0007, 4.9677,
22.8332

■ 54.2378, 54.9551,
29.9394

■ 5.4371, 4.0947,
22.6944

■ 60.4098, 60.8506,
30.7520

Harmonies

Analogous

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



18.8300, 20.3538, 24.6428



19.3130, 20.3538, 25.1011



19.8131, 20.3538, 24.7434

Triad

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



19.3130, 20.3538, 25.1011



20.2273, 20.3538, 20.8602



18.5218, 20.3538, 20.7048

Complementary

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



19.3130, 20.3538, 25.1011



20.7823, 21.7808, 20.8784

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.



18.8857, 20.3538, 19.7663



19.3130, 20.3538, 25.1011



19.8707, 20.3538, 19.8532

Square

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



19.3130, 20.3538, 25.1011



20.3465, 20.3538, 22.2556



19.3784, 20.3538, 19.4615



18.3783, 20.3538, 22.0683

Rectangle

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



19.3130, 20.3538, 25.1011



20.0877, 20.3538, 24.0989



19.3784, 20.3538, 19.4615



18.6221, 20.3538, 20.3315

Sweetspot

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



19.3136, 20.3547, 25.1016



38.1844, 40.2036, 45.4859



20.0167, 22.3217, 23.6070



8.5103, 8.9617, 10.2339



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.



19.3136, 20.3547, 25.1016



33.3164, 35.1149, 44.7603



18.8777, 19.2134, 24.9042



4.5705, 4.8167, 5.8896



5.1750, 3.8977, 21.6163



0.0246, 0.0269, 0.0771

Inverse Universe

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



20.0915, 19.9006, 22.1853



35.0444, 34.1381, 38.2751



21.2469, 23.0129, 21.0917



4.7412, 4.7162, 5.2497



9.7902, 4.9804, 3.4675



0.0373, 0.0186, 0.0298

Previews

White Background



This preview shows how the XYZ color 19.3130, 20.3538, 25.1011 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 19.3130, 20.3538, 25.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

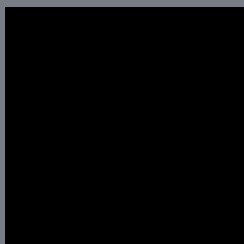
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

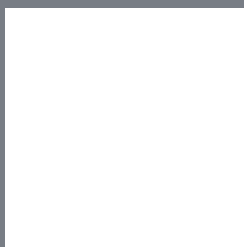
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3130, 20.3538, 25.1011

Background



This preview shows how black text looks on a background with the XYZ color 19.3130, 20.3538, 25.1011.



This preview shows how white text looks on a background with the XYZ color 19.3130, 20.3538,

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

19.3130, 20.3538, 25.1011

Protanopia

19.6847, 20.3663, 24.7234

Deuteranopia

20.6562, 20.3015, 25.3841



Tritanopia

19.4525, 20.4096, 25.8359

Trichromacy



Original Color

19.3130, 20.3538, 25.1011

Protanomaly

19.5409, 20.2922, 24.7167

Deuteranomaly

20.1647, 20.2295, 25.3961

Tritanomaly

19.3824, 20.3815, 25.4667

Monochromacy



Original Color

19.3130, 20.3538, 25.1011

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2068, 20.1586, 22.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3130, 20.3538, 25.1011 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(120, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(120, 125, 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(120, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 19.3130, 20.3538, 25.1011 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(120, 125, 133) }
```


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

```
.border{ border-color:rgb(120, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(120, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3130, 20.3538, 25.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 125, 133) }
```

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

```
.background{ background-color: rgb(120,  
125, 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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