

Converting Colors

XYZ(19.4315, 25.2004, 25.2475)

Have a look what the booklet for
XYZ(19.4315, 25.2004, 25.2475)
contains.

XYZ(19.5105, 25.3053, 25.3288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.5105, 25.3053,
25.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	609483
RGB	96, 148, 131
RGB Percent	38%, 58%, 51%
CMY	0.6235, 0.4196, 0.4863
CMYK	0.35, 0.00, 0.11, 0.42
HSL	160°, 21%, 48%
HSV	160°, 35%, 58%
XYZ	19.5105, 25.3053, 25.3288
YIQ	130.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

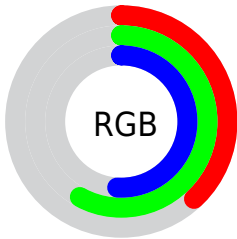
Format	Color
R _Y B	96, 127, 148
Decimal	6329475
CIE _{Lab}	57.37, -21.31, 3.50
CIE _{LCh}	57, 21.594, 170.672
Y _{xy}	25.3053, 0.2781, 0.3608
Android (android.graphics.Color)	4284519555 (0xFF609483)
Y _{UV}	130.5140, 0.2396, -30.2688
Hunter-Lab	50.3044, -18.8016, 5.3599

Details

The XYZ color **19.5105, 25.3053, 25.3288** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3771, 15.8545, 17.6627**, and the grayscale version is **21.4065, 22.5213, 24.5257**.

A 20% lighter version of the original color is **41.9850, 51.9977, 53.1711**, and **6.9244, 9.7394, 9.4976** is the 20% darker color. If you saturate the color by 10%, you get **17.7773, 24.4495, 23.5758**, and if you desaturate by 10%, it is **21.5536, 26.3204, 27.1773**.

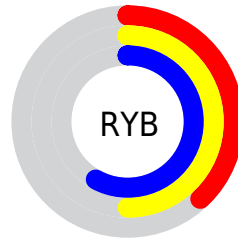
Distribution



Red (38%)

Green (58%)

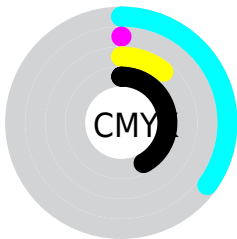
Blue (51%)



Red (38%)

Yellow (50%)

Blue (58%)

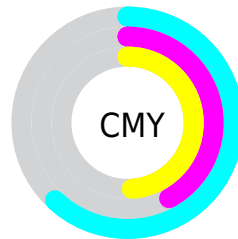


Cyan (35%)

Magenta (0%)

Yellow (11%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5105, 25.3053, 25.3288 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 19.5105, 25.3053, 25.3288 by changing the saturation by 10% instead.

■ 19.5105, 25.3053,
25.3288

■ 19.5105, 25.3053,
25.3288

242.1371,
279.3550, 292.9714

■ 12.1459, 16.3047,
16.1009

■ 42.1052, 52.1521,
53.1609

■ 6.9160, 9.7400,
9.4405

■ 58.0660, 70.7670,
72.6021

■ 3.4555, 5.2269,
4.9289

■ 77.6230, 93.3555,
96.2850

■ 1.3990, 2.3810,
2.1476

■ 101.1414,
120.3019, 124.6279

■ 0.2555, 0.8161,
0.6439

128.9867,
151.9907, 158.0495

■ 0.0000, 0.0000,
0.0000

161.5242,

188.8062, 196.9682

199.1192,
231.1328, 241.8027

■ 19.5105, 25.3053,
25.3288

■ 19.5105, 25.3053,
25.3288

■ 17.7773, 24.4495,
23.5758

■ 21.5536, 26.3204,
27.1773

■ 16.3353, 23.7414,
21.9148

■ 23.9199, 27.4997,
29.1215

■ 15.1667, 23.1725,
20.3444

■ 26.6244, 28.8516,
31.1636

■ 14.2511, 22.7323,
18.8625

■ 29.6807, 30.3829,
33.3052

■ 13.5649, 22.4088,
17.4669

■ 33.1015, 32.1003,
35.5480

■ 13.0771, 22.1858,
16.1549

■ 36.8987, 34.0099,
37.8935

■ 12.8719, 22.0934,
15.5447

■ 41.0841, 36.1176,
40.3431

■ 45.6685, 38.4291,
42.8985

■ 50.6626, 40.9499,
45.5609

Harmonies

Analogous

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



20.4387, 25.3053, 19.5434



19.5105, 25.3053, 25.3288



19.7305, 25.3053, 32.8404

Triad

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



19.5105, 25.3053, 25.3288



25.8334, 25.3053, 42.9753



27.3114, 25.3053, 18.0164

Complementary

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



19.5105, 25.3053, 25.3288



19.3771, 15.8545, 17.6627

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.



28.9623, 25.3053, 22.8663



19.5105, 25.3053, 25.3288



28.0678, 25.3053, 37.4978

Square

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



19.5105, 25.3053, 25.3288



23.2622, 25.3053, 43.9535



29.2485, 25.3053, 29.9041



24.8594, 25.3053, 15.8434

Rectangle

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



19.5105, 25.3053, 25.3288



20.5054, 25.3053, 37.8099



29.2485, 25.3053, 29.9041



27.9855, 25.3053, 19.3424

Sweetspot

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



19.5112, 25.3063, 25.3294



43.9997, 49.4168, 52.7714



19.5550, 25.5583, 14.9693



9.9149, 11.2162, 11.9476



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.5112, 25.3063, 25.3294



32.0219, 43.4616, 42.2926



19.4509, 23.1878, 31.4687



5.8843, 6.5303, 7.0015



11.0071, 18.8756, 13.3448



0.1483, 0.2365, 0.2350

Inverse Universe

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



19.3771, 15.8545, 17.6627



31.7539, 24.2728, 26.7489



19.3425, 17.1765, 13.3627



5.8743, 5.8448, 6.4443



10.9057, 5.5673, 2.9846



0.1459, 0.0731, 0.1022

Previews

White Background



This preview shows how the XYZ color 19.5105, 25.3053, 25.3288 looks on a white background.

Color Contrast Check

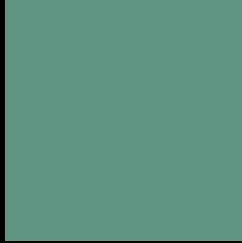
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5105, 25.3053, 25.3288 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

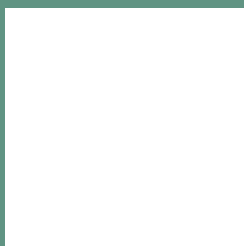
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5105, 25.3053, 25.3288

Background



This preview shows how black text looks on a background with the XYZ color 19.5105, 25.3053, 25.3288.



This preview shows how white text looks on a background with the XYZ color 19.5105, 25.3053,

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

19.5105, 25.3053, 25.3288

Protanopia

23.9750, 25.2116, 23.0047

Deuteranopia

25.4531, 25.0756, 26.0528



Tritanopia

21.4535, 25.1716, 35.1804

Trichromacy



Original Color

19.5105, 25.3053, 25.3288

Protanomaly

21.9598, 25.0177, 23.7502

Deuteranomaly

22.6822, 24.6957, 25.7616

Tritanomaly

20.6474, 25.0667, 31.3539

Monochromacy



Original Color

19.5105, 25.3053, 25.3288

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5136, 23.3816, 24.9046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5105, 25.3053, 25.3288 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(96, 148, 131)` looks like.

```
.text, #text, p{  
    color:rgb(96, 148, 131)  
}
```

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(96, 148, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 148, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.5105, 25.3053, 25.3288 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(96, 148, 131) }
```


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

```
.border{ border-color:rgb(96, 148, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 148, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 148, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 148, 131);  
box-shadow:4px 4px 4px 4px rgb(96, 148,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5105, 25.3053, 25.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 148, 131) }
```

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

```
.background{ background-color: rgb(96, 148,  
131) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor