

Converting Colors

XYZ(19.5388, 25.8562, 21.6569)

Have a look what the booklet for
XYZ(19.5388, 25.8562, 21.6569)
contains.

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Color

**XYZ(19.5520, 25.8781,
21.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	649678
RGB	100, 150, 120
RGB Percent	39%, 59%, 47%
CMY	0.6078, 0.4118, 0.5294
CMYK	0.33, 0.00, 0.20, 0.41
HSL	144°, 20%, 49%
HSV	144°, 33%, 59%
XYZ	19.5520, 25.8781, 21.7338
YIQ	131.6300, -20.1700, -19.9300

Conversions

Conversions Part 2

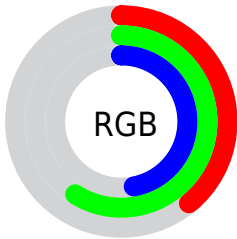
Format	Color
RYB	100, 136, 150
Decimal	6592120
CIELab	57.92, -23.47, 10.57
CIELCh	58, 25.737, 155.761
Yxy	25.8781, 0.2911, 0.3853
Android (android.graphics.Color)	4284782200 (0xFF649678)
YUV	131.6300, -5.7336, -27.7395
Hunter-Lab	50.8705, -20.4172, 10.2784

Details

The XYZ color **19.5520, 25.8781, 21.7338** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.1649, 17.2106, 23.3264**, and the grayscale version is **21.8247, 22.9612, 25.0048**.

A 20% lighter version of the original color is **41.9882, 52.8397, 47.0158**, and **6.9146, 10.0567, 7.5379** is the 20% darker color. If you saturate the color by 10%, you get **17.5225, 24.8927, 18.9205**, and if you desaturate by 10%, it is **21.9398, 27.0436, 24.8330**.

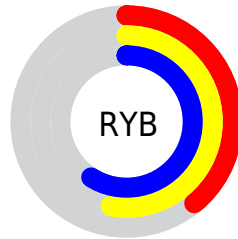
Distribution



Red (39%)

Green (59%)

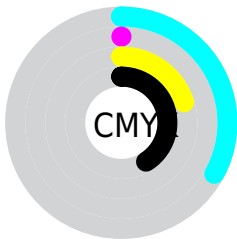
Blue (47%)



Red (39%)

Yellow (53%)

Blue (59%)

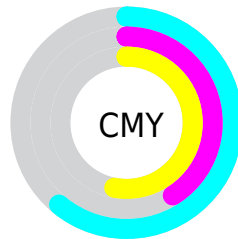


Cyan (33%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (61%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5520, 25.8781, 21.7338 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 19.5520, 25.8781, 21.7338 by changing the saturation by 10% instead.

■ 19.5520, 25.8781,
21.7338

■ 19.5520, 25.8781,
21.7338

242.3594,
282.1832, 274.0610

■ 12.1762, 16.7325,
13.4650

■ 42.1745, 53.0782,
47.2022

■ 6.9368, 10.0439,
7.6150

■ 58.1519, 71.9015,
65.2388

■ 3.4686, 5.4281,
3.7654

■ 77.7272, 94.7195,
87.3685

■ 1.4061, 2.5006,
1.4975

■ 101.2657,
121.9165, 114.0097

■ 0.2606, 0.8769,
0.2161

129.1328,
153.8770, 145.5810

■ 0.0000, 0.0000,
0.0000

161.6939,

190.9853, 182.5009

199.3144,
233.6259, 225.1881

■ 19.5520, 25.8781,
21.7338

■ 19.5520, 25.8781,
21.7338

■ 17.5225, 24.8927,
18.9205

■ 21.9398, 27.0436,
24.8330

■ 15.8310, 24.0751,
16.3832

■ 24.7005, 28.3947,
28.2243

■ 14.4582, 23.4163,
14.1138

■ 27.8508, 29.9402,
31.9158

■ 13.3821, 22.9049,
12.1033

■ 31.4054, 31.6879,
35.9147

■ 12.5777, 22.5284,
10.3421

■ 35.3783, 33.6446,
40.2280

■ 12.0154, 22.2716,
8.8198

■ 39.7830, 35.8173,
44.8626

■ 11.7225, 22.1400,
7.9306

■ 44.6321, 38.2123,
49.8249

■ 49.9378, 40.8358,
55.1213

■ 55.7120, 43.6937,
60.7581

Harmonies

Analogous

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



21.2750, 25.8781, 16.4711



19.5520, 25.8781, 21.7338



19.1300, 25.8781, 29.9252

Triad

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



19.5520, 25.8781, 21.7338



25.1995, 25.8781, 48.8013



29.7569, 25.8781, 19.3322

Complementary

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



19.5520, 25.8781, 21.7338



21.1649, 17.2106, 23.3264

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.



31.0159, 25.8781, 26.4980



19.5520, 25.8781, 21.7338



28.2466, 25.8781, 44.4222

Square

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



19.5520, 25.8781, 21.7338



22.2296, 25.8781, 46.7837



30.4413, 25.8781, 35.7819



27.1254, 25.8781, 15.3020

Rectangle

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



19.5520, 25.8781, 21.7338



19.6095, 25.8781, 36.2658



30.4413, 25.8781, 35.7819



30.3643, 25.8781, 21.3901

Sweetspot

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



19.5527, 25.8792, 21.7344



45.2579, 50.9261, 51.7935



22.5418, 27.5460, 16.1856



9.8787, 11.2118, 11.2992



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.



19.5527, 25.8792, 21.7344



31.7761, 44.3425, 34.6064



21.2095, 26.5419, 30.4588



5.8200, 6.5046, 6.6628



9.7370, 18.3676, 6.6565



0.1331, 0.2304, 0.1546

Inverse Universe

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



21.1649, 17.2106, 23.3264



35.0668, 26.6352, 37.8458



19.7284, 16.6359, 15.7618



5.9381, 5.8703, 6.7800



11.9784, 5.9964, 8.6331



0.1612, 0.0792, 0.1825

Previews

White Background



This preview shows how the XYZ color 19.5520, 25.8781, 21.7338 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 19.5520, 25.8781, 21.7338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

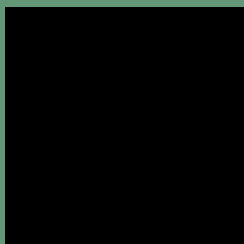
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.5520, 25.8781, 21.7338

Background



This preview shows how black text looks on a background with the XYZ color 19.5520, 25.8781, 21.7338.



This preview shows how white text looks on a background with the XYZ color 19.5520, 25.8781,

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

19.5520, 25.8781, 21.7338

Protanopia

24.1584, 25.5949, 19.5866

Deuteranopia

26.2008, 25.7494, 22.3281



Tritanopia

22.3955, 25.8733, 35.7120

Trichromacy



Original Color

19.5520, 25.8781, 21.7338

Protanomaly

22.0313, 25.3528, 20.2554

Deuteranomaly

23.2075, 25.4797, 22.1073

Tritanomaly

21.2935, 25.8843, 30.2594

Monochromacy



Original Color

19.5520, 25.8781, 21.7338

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8746, 24.0168, 23.9576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5520, 25.8781, 21.7338 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(100, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(100, 150, 120)  
}
```

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(100, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 150, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.5520, 25.8781, 21.7338 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(100, 150, 120) }
```


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

```
.border{ border-color:rgb(100, 150, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(100, 150,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5520, 25.8781, 21.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 150, 120) }
```

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

```
.background{ background-color: rgb(100,  
150, 120) }
```

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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