

Converting Colors

XYZ(19.4613, 22.5181, 28.9862)

Have a look what the booklet for
XYZ(19.4613, 22.5181, 28.9862)
contains.

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Color

**XYZ(19.5123, 22.5646,
28.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	69888E
RGB	105, 136, 142
RGB Percent	41%, 53%, 56%
CMY	0.5882, 0.4667, 0.4431
CMYK	0.26, 0.04, 0.00, 0.44
HSL	190°, 15%, 48%
HSV	190°, 26%, 56%
XYZ	19.5123, 22.5646, 28.9182
YIQ	127.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

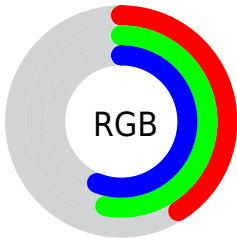
Format	Color
R_{YB}	105, 122, 142
Decimal	6916238
CIE _{Lab}	54.62, -9.44, -6.80
CIE _{LCh}	55, 11.635, 215.750
Yxy	22.5646, 0.2748, 0.3178
Android (android.graphics.Color)	4285106318 (0xFF69888E)
YUV	127.4150, 7.1904, -19.6580
Hunter-Lab	47.5022, -9.8071, -2.8428

Details

The XYZ color **19.5123, 22.5646, 28.9182** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3897, 18.1395, 15.8442**, and the grayscale version is **20.2971, 21.3541, 23.2547**.

A 20% lighter version of the original color is **42.0660, 47.5488, 59.1853**, and **6.8904, 8.2690, 11.3581** is the 20% darker color. If you saturate the color by 10%, you get **17.6612, 21.1347, 28.7401**, and if you desaturate by 10%, it is **21.6502, 24.1538, 29.1126**.

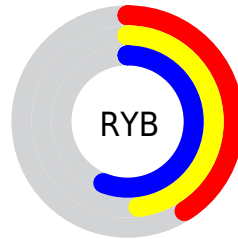
Distribution



Red (41%)

Green (53%)

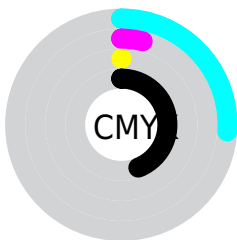
Blue (56%)



Red (41%)

Yellow (48%)

Blue (56%)

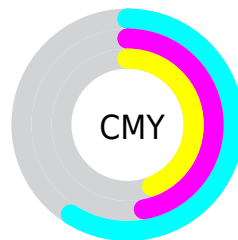


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5123, 22.5646, 28.9182 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 19.5123, 22.5646, 28.9182 by changing the saturation by 10% instead.

■ 19.5123, 22.5646,
28.9182

■ 19.5123, 22.5646,
28.9182

242.1467,
265.4807, 310.8777

■ 12.1472, 14.2723,
18.7739

■ 42.1082, 47.6774,
58.9877

■ 6.9169, 8.3103,
11.3319

■ 58.0698, 65.2667,
79.7500

■ 3.4561, 4.2942,
6.1735

■ 77.6275, 86.7239,
104.8888

■ 1.3993, 1.8394,
2.8804

■ 101.1468,
112.4333, 134.8225

■ 0.2557, 0.5116,
1.0339

128.9930,
142.7792, 169.9697

■ 0.0000, 0.0000,
0.0000

161.5315,

178.1462, 210.7489

199.1276,
218.9186, 257.5787

■ 19.5123, 22.5646,
28.9182

■ 19.5123, 22.5646,
28.9182

■ 17.6612, 21.1347,
28.7401

■ 21.6502, 24.1538,
29.1126

■ 16.0810, 19.8543,
28.5763

■ 24.0859, 25.9063,
29.3225

■ 14.7575, 18.7163,
28.4264

■ 26.8321, 27.8294,
29.5490

■ 13.6739, 17.7122,
28.2897

■ 29.9002, 29.9289,
29.7925

■ 12.8119, 16.8324,
28.1653

■ 33.3011, 32.2106,
30.0537

■ 12.1501, 16.0657,
28.0522

■ 37.0450, 34.6798,
30.3330

■ 11.6558, 15.3955,
27.9489

■ 41.1419, 37.3416,
30.6308

■ 11.4772, 15.1423,
27.9094

■ 45.6012, 40.2011,
30.9477

■ 50.4320, 43.2629,
31.2841

Harmonies

Analogous

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



19.0919, 22.5646, 25.2815



19.5123, 22.5646, 28.9182



20.4527, 22.5646, 31.5668

Triad

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



19.5123, 22.5646, 28.9182



23.7684, 22.5646, 27.5769



21.2015, 22.5646, 18.2062

Complementary

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



19.5123, 22.5646, 28.9182



19.3897, 18.1395, 15.8442

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.



22.4730, 22.5646, 18.6903



19.5123, 22.5646, 28.9182



23.9882, 22.5646, 23.8700

Square

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



19.5123, 22.5646, 28.9182



22.9162, 22.5646, 30.7401



23.5055, 22.5646, 20.6793



20.0419, 22.5646, 19.2846

Rectangle

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



19.5123, 22.5646, 28.9182



21.2652, 22.5646, 32.2837



23.5055, 22.5646, 20.6793



21.6297, 22.5646, 18.1930

Sweetspot

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



19.5130, 22.5655, 28.9187



41.5216, 45.0061, 51.6265



18.3436, 23.4875, 18.4764



9.1394, 9.9560, 11.5194



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.5130, 22.5655, 28.9187



32.5235, 38.3483, 50.8157



17.1811, 17.9017, 28.1414



5.4869, 5.9695, 6.8918



10.3158, 13.6176, 25.0618



0.1115, 0.1559, 0.2439

Inverse Universe

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



20.6513, 17.6319, 25.6085



34.8965, 28.3088, 43.8604



21.5623, 22.4848, 16.5684



5.5892, 5.4962, 6.6009



13.0101, 6.3610, 16.2361



0.1309, 0.0634, 0.1894

Previews

White Background



This preview shows how the XYZ color 19.5123, 22.5646, 28.9182 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 19.5123, 22.5646, 28.9182 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

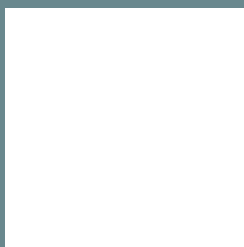
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5123, 22.5646, 28.9182

Background



This preview shows how black text looks on a background with the XYZ color 19.5123, 22.5646, 28.9182.



This preview shows how white text looks on a background with the XYZ color 19.5123, 22.5646,

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

19.5123, 22.5646, 28.9182

Protanopia

21.7760, 22.5461, 27.2489

Deuteranopia

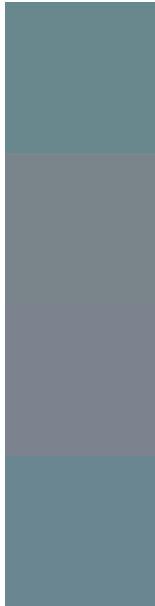
22.9399, 22.5107, 29.5215



Tritanopia

19.7961, 22.4674, 30.4874

Trichromacy



Original Color

19.5123, 22.5646, 28.9182

Protanomaly

20.7966, 22.4316, 27.6597

Deuteranomaly

21.3980, 22.3084, 29.1648

Tritanomaly

19.7187, 22.4365, 30.0794

Monochromacy



Original Color

19.5123, 22.5646, 28.9182

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7552, 21.5531, 24.9488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5123, 22.5646, 28.9182 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(105, 136, 142)` looks like.

```
.text, #text, p{  
    color:rgb(105, 136, 142)  
}
```

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(105, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 136, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.5123, 22.5646, 28.9182 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(105, 136, 142) }
```


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

```
.border{ border-color:rgb(105, 136, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 136, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 136, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 136, 142);  
box-shadow:4px 4px 4px 4px rgb(105, 136,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5123, 22.5646, 28.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 136, 142) }
```

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

```
.background{ background-color: rgb(105,  
136, 142) }
```

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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