

Converting Colors

XYZ(19.5578, 23.5274, 28.4767)

Have a look what the booklet for
XYZ(19.5578, 23.5274, 28.4767)
contains.

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Color

**XYZ(19.4785, 23.4163,
28.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	658C8C
RGB	101, 140, 140
RGB Percent	40%, 55%, 55%
CMY	0.6039, 0.4510, 0.4510
CMYK	0.28, 0.00, 0.00, 0.45
HSL	180°, 16%, 47%
HSV	180°, 28%, 55%
XYZ	19.4785, 23.4163, 28.3041
YIQ	128.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

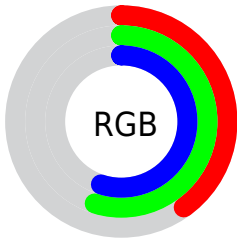
Format	Color
R_{YB}	101, 121, 140
Decimal	6655116
CIE _{Lab}	55.50, -13.40, -4.37
CIE _{LCh}	55, 14.090, 198.061
Yxy	23.4163, 0.2736, 0.3289
Android (android.graphics.Color)	4284845196 (0xFF658C8C)
YUV	128.3390, 5.7489, -23.9763
Hunter-Lab	48.3904, -12.8319, -0.8061

Details

The XYZ color **19.4785, 23.4163, 28.3041** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8186, 15.8230, 14.4278**, and the grayscale version is **20.6225, 21.6964, 23.6274**.

A 20% lighter version of the original color is **42.0543, 49.2061, 57.7333**, and **6.9178, 8.7806, 11.0031** is the 20% darker color. If you saturate the color by 10%, you get **18.0427, 22.6767, 28.2372**, and if you desaturate by 10%, it is **21.1827, 24.2954, 28.3846**.

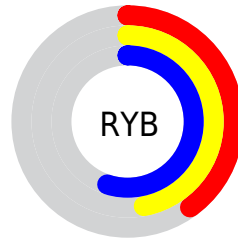
Distribution



Red (40%)

Green (55%)

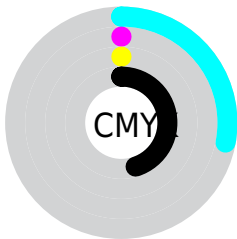
Blue (55%)



Red (40%)

Yellow (47%)

Blue (55%)

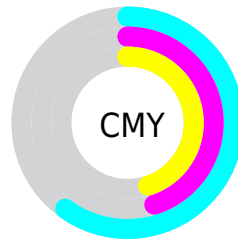


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4785, 23.4163, 28.3041 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 19.4785, 23.4163, 28.3041 by changing the saturation by 10% instead.

■ 19.4785, 23.4163,
28.3041

■ 19.4785, 23.4163,
28.3041

241.9655,
269.8560, 307.8747

■ 12.1226, 14.9012,
18.3140

■ 42.0518, 49.0760,
57.9985

■ 6.9000, 8.7501,
11.0039

■ 57.9998, 66.9894,
78.5399

■ 3.4454, 4.5785,
5.9552

■ 77.5426, 88.8043,
103.4355

■ 1.3935, 2.0022,
2.7495

■ 101.0455,
114.9052, 133.1037

■ 0.2516, 0.6087,
0.9682

128.8739,
145.6764, 167.9632

■ 0.0000, 0.0000,
0.0000

161.3932,

181.5024, 208.4326

198.9686,
222.7674, 254.9302

■ 19.4785, 23.4163,
28.3041

■ 19.4785, 23.4163,
28.3041

■ 18.0427, 22.6767,
28.2372

■ 21.1827, 24.2954,
28.3846

■ 16.8598, 22.0669,
28.1816

■ 23.1659, 25.3178,
28.4777

■ 15.9157, 21.5802,
28.1371

■ 25.4404, 26.4904,
28.5844

■ 15.1942, 21.2083,
28.1031

■ 28.0175, 27.8189,
28.7052

■ 14.6770, 20.9417,
28.0787

■ 30.9076, 29.3088,
28.8407

■ 14.3431, 20.7695,
28.0628

■ 34.1208, 30.9653,
28.9913

■ 14.1494, 20.6697,
28.0535

■ 37.6666, 32.7932,
29.1575

■ 14.1118, 20.6503,
28.0517

■ 41.5542, 34.7973,
29.3397

■ 45.7924, 36.9822,
29.5383

Harmonies

Analogous

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



19.4014, 23.4163, 23.7302



19.4785, 23.4163, 28.3041



20.2779, 23.4163, 32.5684

Triad

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



19.4785, 23.4163, 28.3041



24.6054, 23.4163, 31.7973



22.8940, 23.4163, 17.8636

Complementary

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



19.4785, 23.4163, 28.3041



17.8186, 15.8230, 14.4278

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.



24.3597, 23.4163, 19.5302



19.4785, 23.4163, 28.3041



25.3788, 23.4163, 27.3481

Square

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



19.4785, 23.4163, 28.3041



23.2164, 23.4163, 34.7444



25.2868, 23.4163, 22.8807



21.3234, 23.4163, 18.0549

Rectangle

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



19.4785, 23.4163, 28.3041



21.1353, 23.4163, 34.4963



25.2868, 23.4163, 22.8807



23.4166, 23.4163, 18.2161

Sweetspot

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



19.4792, 23.4172, 28.3046



40.7244, 44.5746, 50.2000



17.1676, 22.5011, 15.7506



9.2667, 10.2107, 11.5618



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.



19.4792, 23.4172, 28.3046



32.8071, 40.4931, 49.8283



16.9567, 18.3721, 27.4645



5.1728, 5.6886, 6.4312



12.5385, 18.3480, 24.9241



0.0833, 0.1219, 0.1656

Inverse Universe

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



17.8186, 15.8230, 14.4278



29.4121, 24.9664, 21.4566



19.8634, 19.9127, 15.1089



5.0329, 5.0486, 5.2617



9.6099, 4.9541, 0.4499



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 19.4785, 23.4163, 28.3041 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 19.4785, 23.4163, 28.3041 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 19.4785, 23.4163, 28.3041

Background



This preview shows how black text looks on a background with the XYZ color 19.4785, 23.4163, 28.3041.



This preview shows how white text looks on a background with the XYZ color 19.4785, 23.4163,

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

19.4785, 23.4163, 28.3041

Protanopia

22.4560, 23.3201, 26.2393

Deuteranopia

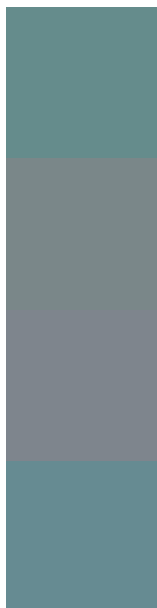
23.7172, 23.3162, 28.8416



Tritanopia

20.3312, 23.5508, 32.3284

Trichromacy



Original Color

19.4785, 23.4163, 28.3041

Protanomaly

21.2054, 23.2717, 27.0411

Deuteranomaly

21.7994, 23.1338, 28.5156

Tritanomaly

19.9004, 23.3653, 30.6552

Monochromacy



Original Color

19.4785, 23.4163, 28.3041

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.8873, 22.0200, 25.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4785, 23.4163, 28.3041 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(101, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 140, 140)  
}
```

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(101, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.4785, 23.4163, 28.3041 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(101, 140, 140) }
```


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

```
.border{ border-color:rgb(101, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4785, 23.4163, 28.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 140, 140) }
```

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

```
.background{ background-color: rgb(101,  
140, 140) }
```

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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