

Converting Colors

XYZ(20.3949, 25.3196, 23.7879)

Have a look what the booklet for
XYZ(20.3949, 25.3196, 23.7879)
contains.

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Color

**XYZ(20.4163, 25.3413,
23.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	6D927F
RGB	109, 146, 127
RGB Percent	43%, 57%, 50%
CMY	0.5725, 0.4274, 0.5020
CMYK	0.25, 0.00, 0.13, 0.43
HSL	149°, 15%, 50%
HSV	149°, 25%, 57%
XYZ	20.4163, 25.3413, 23.8940
YIQ	132.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

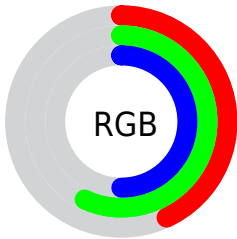
Format	Color
R_{YB}	109, 134, 146
Decimal	7180927
CIE _{Lab}	57.41, -16.96, 5.93
CIE _{LCh}	57, 17.969, 160.737
Yxy	25.3413, 0.2931, 0.3638
Android (android.graphics.Color)	4285371007 (0xFF6D927F)
YUV	132.7710, -2.8451, -20.8472
Hunter-Lab	50.3401, -15.7015, 7.0960

Details

The XYZ color **20.4163, 25.3413, 23.8940** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2198, 18.6073, 22.8962**, and the grayscale version is **22.2258, 23.3832, 25.4644**.

A 20% lighter version of the original color is **43.5904, 52.1809, 50.9545**, and **7.3308, 9.6951, 8.6927** is the 20% darker color. If you saturate the color by 10%, you get **18.2968, 24.3037, 21.3385**, and if you desaturate by 10%, it is **22.8720, 26.5494, 26.6562**.

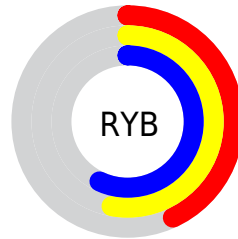
Distribution



Red (43%)

Green (57%)

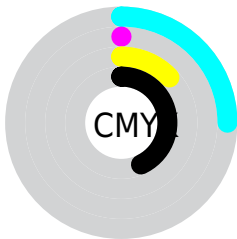
Blue (50%)



Red (43%)

Yellow (53%)

Blue (57%)

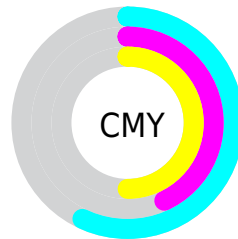


Cyan (25%)

Magenta (0%)

Yellow (13%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4163, 25.3413, 23.8940 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 20.4163, 25.3413, 23.8940 by changing the saturation by 10% instead.

■ 20.4163, 25.3413,
23.8940

■ 20.4163, 25.3413,
23.8940

246.9508,
279.5334, 285.5534

■ 12.8080, 16.3315,
15.0435

■ 43.6127, 52.2104,
50.7988

■ 7.3726, 9.7590,
8.7030

■ 59.9315, 70.8385,
69.6903

■ 3.7446, 5.2395,
4.4538

■ 79.8846, 93.4414,
92.7658

■ 1.5587, 2.3885,
1.8775

■ 103.8372,
120.4037, 120.4439

■ 0.3652, 0.8199,
0.4783

132.1548,
152.1096, 153.1432

■ 0.0000, 0.0000,
0.0000

165.2027,

188.9436, 191.2822

203.3463,
231.2901, 235.2794

■ 20.4163, 25.3413,
23.8940

■ 20.4163, 25.3413,
23.8940

■ 18.2968, 24.3037,
21.3385

■ 22.8720, 26.5494,
26.6562

■ 16.4957, 23.4255,
18.9831

■ 25.6762, 27.9321,
29.6281

■ 14.9972, 22.6992,
16.8233

■ 28.8433, 29.4975,
32.8146

■ 13.7827, 22.1155,
14.8540

■ 32.3860, 31.2522,
36.2202

■ 12.8317, 21.6637,
13.0696

■ 36.3165, 33.2022,
39.8490

■ 12.1207, 21.3320,
11.4642

■ 40.6467, 35.3536,
43.7052

■ 11.6180, 21.1040,
10.0314

■ 45.3875, 37.7120,
47.7927

■ 11.4175, 21.0140,
9.4199

■ 50.5496, 40.2829,
52.1154

■ 56.1435, 43.0714,
56.6772

Harmonies

Analogous

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



21.5062, 25.3413, 19.6111



20.4163, 25.3413, 23.8940



20.2752, 25.3413, 29.8402

Triad

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



20.4163, 25.3413, 23.8940



24.8588, 25.3413, 40.8244



27.3312, 25.3413, 20.6116

Complementary

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



20.4163, 25.3413, 23.8940



21.2198, 18.6073, 22.8962

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.



28.3470, 25.3413, 25.4603



20.4163, 25.3413, 23.8940



26.8645, 25.3413, 37.4895

Square

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



20.4163, 25.3413, 23.8940



22.7576, 25.3413, 40.2400



28.1713, 25.3413, 31.6539



25.4654, 25.3413, 17.9186

Rectangle

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



20.4163, 25.3413, 23.8940



20.7284, 25.3413, 34.0453



28.1713, 25.3413, 31.6539



27.7882, 25.3413, 22.0111

Sweetspot

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



20.4170, 25.3424, 23.8946



43.8357, 48.5536, 50.7493



21.9597, 26.2613, 18.3798



9.5969, 10.7249, 11.1270



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.4170, 25.3424, 23.8946



33.9757, 43.7041, 39.7328



21.7269, 25.8663, 30.7921



5.8401, 6.5126, 6.7689



10.0582, 18.4961, 8.3480



0.1379, 0.2323, 0.1801

Inverse Universe

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



21.2198, 18.6073, 22.8962



35.6226, 29.8863, 37.6839



20.1170, 18.1662, 17.0891



5.9176, 5.8621, 6.6725



11.5598, 5.8290, 6.4290



0.1564, 0.0773, 0.1571

Previews

White Background



This preview shows how the XYZ color 20.4163, 25.3413, 23.8940 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 20.4163, 25.3413, 23.8940 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 20.4163, 25.3413, 23.8940

Background



This preview shows how black text looks on a background with the XYZ color 20.4163, 25.3413, 23.8940.



This preview shows how white text looks on a background with the XYZ color 20.4163, 25.3413,

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

20.4163, 25.3413, 23.8940

Protanopia

23.7862, 25.1361, 22.0104

Deuteranopia

25.7432, 25.2568, 24.6373



Tritanopia

22.4452, 25.2565, 34.2639

Trichromacy



Original Color

20.4163, 25.3413, 23.8940

Protanomaly

22.3762, 25.0367, 22.7220

Deuteranomaly

23.5322, 25.1652, 24.3860

Tritanomaly

21.5386, 25.1033, 30.0958

Monochromacy



Original Color

20.4163, 25.3413, 23.8940

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4974, 24.1007, 24.9916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4163, 25.3413, 23.8940 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(109, 146, 127)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 127)  
}
```

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(109, 146, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 127) }
```

Border

The CSS property to change the border of an element to XYZ 20.4163, 25.3413, 23.8940 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(109, 146, 127) }
```


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

```
.border{ border-color:rgb(109, 146, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 146, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 127);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4163, 25.3413, 23.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 146, 127) }
```

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

```
.background{ background-color: rgb(109,  
146, 127) }
```

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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