

Converting Colors

XYZ(20.6447, 25.5467, 25.0370)

Have a look what the booklet for
XYZ(20.6447, 25.5467, 25.0370)
contains.

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Color

**XYZ(20.6148, 25.4207,
24.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9282
RGB	109, 146, 130
RGB Percent	43%, 57%, 51%
CMY	0.5725, 0.4274, 0.4902
CMYK	0.25, 0.00, 0.11, 0.43
HSL	154°, 15%, 50%
HSV	154°, 25%, 57%
XYZ	20.6148, 25.4207, 24.9393
YIQ	133.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

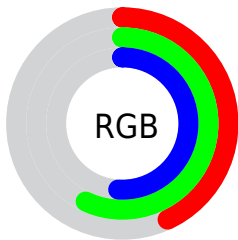
Format	Color
R_{YB}	109, 133, 146
Decimal	7180930
CIE _{Lab}	57.48, -16.33, 4.33
CIE _{LCh}	57, 16.889, 165.159
Yxy	25.4207, 0.2905, 0.3582
Android (android.graphics.Color)	4285371010 (0xFF6D9282)
YUV	133.1130, -1.5347, -21.1471
Hunter-Lab	50.4189, -15.2498, 5.9660

Details

The XYZ color **20.6148, 25.4207, 24.9393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0252, 18.5295, 21.8714**, and the grayscale version is **22.3458, 23.5096, 25.6019**.

A 20% lighter version of the original color is **43.8995, 52.3045, 52.5818**, and **7.4409, 9.7392, 9.2723** is the 20% darker color. If you saturate the color by 10%, you get **18.5550, 24.4070, 22.6983**, and if you desaturate by 10%, it is **23.0004, 26.6007, 27.3324**.

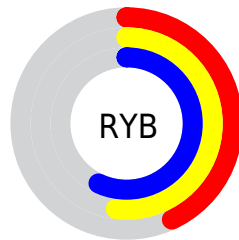
Distribution



Red (43%)

Green (57%)

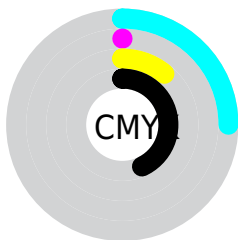
Blue (51%)



Red (43%)

Yellow (52%)

Blue (57%)

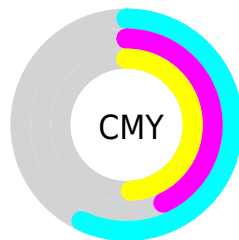


Cyan (25%)

Magenta (0%)

Yellow (11%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6148, 25.4207, 24.9393 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 20.6148, 25.4207, 24.9393 by changing the saturation by 10% instead.

■ 20.6148, 25.4207,
24.9393

■ 20.6148, 25.4207,
24.9393

247.9949,
279.9266, 290.9735

■ 12.9536, 16.3908,
15.8132

■ 43.9417, 52.3389,
52.5216

■ 7.4734, 9.8011,
9.2392

■ 60.3381, 70.9960,
71.8150

■ 3.8088, 5.2673,
4.7986

■ 80.3769, 93.6309,
95.3345

■ 1.5945, 2.4049,
2.0729

■ 104.4235,
120.6280, 123.4987

■ 0.3889, 0.8284,
0.5996

132.8432,
152.3717, 156.7262

■ 0.0000, 0.0000,
0.0000

166.0015,

189.2465, 195.4354

204.2636,
231.6366, 240.0450

■ 20.6148, 25.4207,
24.9393

■ 20.6148, 25.4207,
24.9393

■ 18.5550, 24.4070,
22.6983

■ 23.0004, 26.6007,
27.3324

■ 16.8037, 23.5487,
20.6046

■ 25.7239, 27.9512,
29.8789

■ 15.3451, 22.8384,
18.6555

■ 28.7992, 29.4799,
32.5824

■ 14.1612, 22.2669,
16.8476

■ 32.2389, 31.1933,
35.4455

■ 13.2319, 21.8238,
15.1773

■ 36.0549, 33.0975,
38.4712

■ 12.5340, 21.4973,
13.6409

■ 40.2587, 35.1984,
41.6619

■ 12.0363, 21.2713,
12.2340

■ 44.8610, 37.5014,
45.0205

■ 11.8354, 21.1812,
11.6205

■ 49.8724, 40.0120,
48.5493

■ 55.3030, 42.7352,
52.2509

Harmonies

Analogous

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



21.5234, 25.4207, 20.5842



20.6148, 25.4207, 24.9393



20.6198, 25.4207, 30.6754

Triad

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



20.6148, 25.4207, 24.9393



25.1865, 25.4207, 39.7964



26.9908, 25.4207, 20.5486

Complementary

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



20.6148, 25.4207, 24.9393



21.0252, 18.5295, 21.8714

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.



28.0874, 25.4207, 24.8840



20.6148, 25.4207, 24.9393



27.0071, 25.4207, 36.2408

Square

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



20.6148, 25.4207, 24.9393



23.1851, 25.4207, 39.8166



28.0936, 25.4207, 30.6120



25.1652, 25.4207, 18.2985

Rectangle

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



20.6148, 25.4207, 24.9393



21.1375, 25.4207, 34.5547



28.0936, 25.4207, 30.6120



27.4612, 25.4207, 21.7815

Sweetspot

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



20.6155, 25.4218, 24.9399



43.9618, 48.6040, 51.4135



21.5023, 26.0255, 18.3584



9.6295, 10.7379, 11.2983



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.



20.6155, 25.4218, 24.9399



34.3835, 43.8673, 41.8806



21.3985, 25.1330, 30.9188



5.8592, 6.5203, 6.8693



10.4260, 18.6432, 10.2851



0.1424, 0.2341, 0.2039

Inverse Universe

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



21.0252, 18.5295, 21.8714



35.2247, 29.7271, 35.5882



20.3506, 18.6867, 17.0025



5.8987, 5.8545, 6.5727



11.2354, 5.6992, 4.7207



0.1518, 0.0755, 0.1332

Previews

White Background



This preview shows how the XYZ color 20.6148, 25.4207, 24.9393 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 20.6148, 25.4207, 24.9393 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

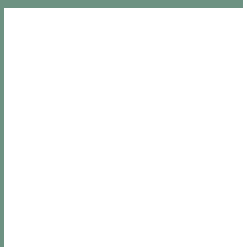
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6148, 25.4207, 24.9393

Background



This preview shows how black text looks on a background with the XYZ color 20.6148, 25.4207, 24.9393.



This preview shows how white text looks on a background with the XYZ color 20.6148, 25.4207,

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

20.6148, 25.4207, 24.9393

Protanopia

23.9750, 25.2116, 23.0047

Deuteranopia

25.7580, 25.2408, 25.7047



Tritanopia

22.5946, 25.5554, 34.3137

Trichromacy



Original Color

20.6148, 25.4207, 24.9393

Protanomaly

22.5689, 25.1138, 23.7366

Deuteranomaly

23.5699, 25.1613, 25.4441

Tritanomaly

21.7662, 25.4356, 30.5504

Monochromacy



Original Color

20.6148, 25.4207, 24.9393

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5655, 24.1280, 25.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6148, 25.4207, 24.9393 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.6148, 25.4207, 24.9393 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, 130) }
```


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

```
.border{ border-color:rgb(109, 146, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6148, 25.4207, 24.9393 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, 130) }
```

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

```
.background{ background-color: rgb(109,  
146, 130) }
```

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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