

Converting Colors

XYZ(20.7079, 25.2420, 24.8949)

Have a look what the booklet for
XYZ(20.7079, 25.2420, 24.8949)
contains.

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Color

**XYZ(20.7102, 25.2420,
24.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9182
RGB	111, 145, 130
RGB Percent	44%, 57%, 51%
CMY	0.5647, 0.4314, 0.4902
CMYK	0.23, 0.00, 0.10, 0.43
HSL	154°, 13%, 50%
HSV	154°, 23%, 57%
XYZ	20.7102, 25.2420, 24.8997
YIQ	133.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

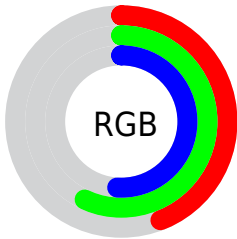
Format	Color
R _Y B	111, 133, 145
Decimal	7311746
CIE Lab	57.31, -15.12, 4.09
CIE LCh	57, 15.663, 164.851
Yxy	25.2420, 0.2923, 0.3563
Android (android.graphics.Color)	4285501826 (0xFF6F9182)
YUV	133.1240, -1.5401, -19.4027
Hunter-Lab	50.2414, -14.3423, 5.7848

Details

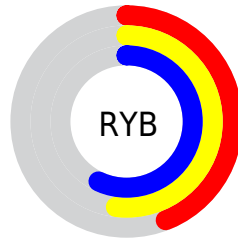
The XYZ color **20.7102, 25.2420, 24.8997** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1283, 18.8956, 22.2734**, and the grayscale version is **22.3495, 23.5134, 25.6061**.

A 20% lighter version of the original color is **44.0749, 52.0523, 52.5238**, and **7.4745, 9.6236, 9.2482** is the 20% darker color. If you saturate the color by 10%, you get **18.6157, 24.2110, 22.6296**, and if you desaturate by 10%, it is **23.1291, 26.4385, 27.3255**.

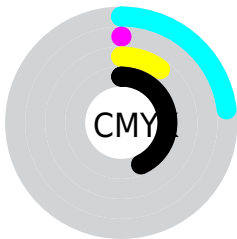
Distribution



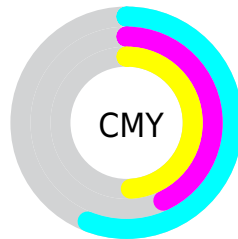
- Red (44%)
- Green (57%)
- Blue (51%)



- Red (44%)
- Yellow (52%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)



- Cyan (56%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7102, 25.2420, 24.8997 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 20.7102, 25.2420, 24.8997 by changing the saturation by 10% instead.

■ 20.7102, 25.2420,
24.8997

■ 20.7102, 25.2420,
24.8997

248.4953,
279.0410, 290.7697

■ 13.0236, 16.2574,
15.7840

■ 44.0996, 52.0495,
52.4566

■ 7.5219, 9.7065,
9.2187

■ 60.5332, 70.6413,
71.7348

■ 3.8398, 5.2048,
4.7854

■ 80.6131, 93.2043,
95.2377

■ 1.6119, 2.3679,
2.0654

■ 104.7047,
120.1229, 123.3836

■ 0.4001, 0.8093,
0.5950

133.1734,
151.7814, 156.5913

■ 0.0000, 0.0000,
0.0000

166.3844,

188.5644, 195.2792

204.7033,
230.8561, 239.8658

■ 20.7102, 25.2420,
24.8997

■ 20.7102, 25.2420,
24.8997

■ 18.6157, 24.2110,
22.6296

■ 23.1291, 26.4385,
27.3255

■ 16.8286, 23.3348,
20.5102

■ 25.8839, 27.8043,
29.9084

■ 15.3337, 22.6062,
18.5388

■ 28.9884, 29.3473,
32.6519

■ 14.1136, 22.0164,
16.7119

■ 32.4548, 31.0735,
35.5589

■ 13.1489, 21.5554,
15.0259

■ 36.2948, 32.9890,
38.6322

■ 12.4175, 21.2119,
13.4770

■ 40.5194, 35.0995,
41.8746

■ 11.8931, 20.9724,
12.0608

■ 45.1394, 37.4104,
45.2887

■ 11.6120, 20.8462,
11.2013

■ 50.1649, 39.9269,
48.8772

■ 55.6057, 42.6541,
52.6425

Harmonies

Analogous

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



21.5625, 25.2420, 20.8584



20.7102, 25.2420, 24.8997



20.7059, 25.2420, 30.1872

Triad

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



20.7102, 25.2420, 24.8997



24.9179, 25.2420, 38.5907



26.6109, 25.2420, 20.8896

Complementary

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



20.7102, 25.2420, 24.8997



21.1283, 18.8956, 22.2734

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.



27.6081, 25.2420, 24.9477



20.7102, 25.2420, 24.8997



26.5969, 25.2420, 35.3829

Square

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



20.7102, 25.2420, 24.8997



23.0715, 25.2420, 38.5735



27.6029, 25.2420, 30.2417



24.9362, 25.2420, 18.7544

Rectangle

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



20.7102, 25.2420, 24.8997



21.1815, 25.2420, 33.7463



27.6029, 25.2420, 30.2417



27.0402, 25.2420, 22.0491

Sweetspot

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



20.7109, 25.2430, 24.9003



44.4567, 48.8507, 51.8159



21.6440, 25.8581, 18.8896



9.8351, 10.8402, 11.4760



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.



20.7109, 25.2430, 24.9003



35.0913, 44.2199, 42.4686



21.5348, 25.1600, 30.5107



5.4611, 6.0767, 6.3940



9.9728, 17.8850, 9.6768



0.1065, 0.1754, 0.1510

Inverse Universe

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



21.1283, 18.8956, 22.2734



35.9702, 30.8598, 36.9417



20.4188, 18.9115, 17.6134



5.5015, 5.4611, 6.1391



10.8217, 5.4857, 4.7123



0.1143, 0.0568, 0.1019

Previews

White Background



This preview shows how the XYZ color 20.7102, 25.2420, 24.8997 looks on a white background.

Color Contrast Check

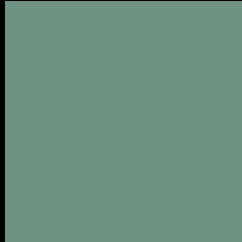
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7102, 25.2420, 24.8997 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

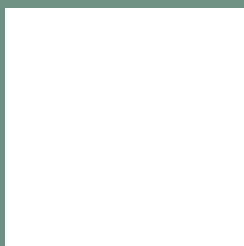
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7102, 25.2420, 24.8997

Background



This preview shows how black text looks on a background with the XYZ color 20.7102, 25.2420, 24.8997.



This preview shows how white text looks on a background with the XYZ color 20.7102, 25.2420,

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

20.7102, 25.2420, 24.8997

Protanopia

23.8669, 25.1485, 23.3349

Deuteranopia

25.5701, 25.1439, 25.6959



Tritanopia

22.4930, 25.2907, 33.8331

Trichromacy



Original Color

20.7102, 25.2420, 24.8997

Protanomaly

22.5689, 25.1138, 23.7366

Deuteranomaly

23.4270, 24.8756, 25.3965

Tritanomaly

21.8727, 25.2667, 30.5122

Monochromacy



Original Color

20.7102, 25.2420, 24.8997

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5680, 23.9172, 25.3095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7102, 25.2420, 24.8997 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(111, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(111, 145, 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(111, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 145, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.7102, 25.2420, 24.8997 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(111, 145, 130) }
```


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

```
.border{ border-color:rgb(111, 145, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 145, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(111, 145,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7102, 25.2420, 24.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 145, 130) }
```

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

```
.background{ background-color: rgb(111,  
145, 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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