

Converting Colors

XYZ(20.8372, 25.3026, 22.5199)

Have a look what the booklet for
XYZ(20.8372, 25.3026, 22.5199)
contains.

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Color

**XYZ(20.9030, 25.3939,
22.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	74917B
RGB	116, 145, 123
RGB Percent	45%, 57%, 48%
CMY	0.5451, 0.4314, 0.5176
CMYK	0.20, 0.00, 0.15, 0.43
HSL	134°, 12%, 51%
HSV	134°, 20%, 57%
XYZ	20.9030, 25.3939, 22.5387
YIQ	133.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

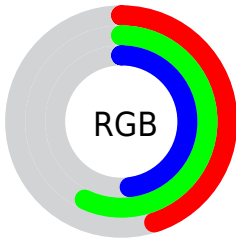
Format	Color
R_{YB}	116, 139, 145
Decimal	7639419
CIE _{Lab}	57.46, -14.82, 8.34
CIE _{LCh}	57, 17.007, 150.630
Yxy	25.3939, 0.3037, 0.3689
Android (android.graphics.Color)	4285829499 (0xFF74917B)
YUV	133.8210, -5.3348, -15.6290
Hunter-Lab	50.3924, -14.1439, 8.7564

Details

The XYZ color **20.9030, 25.3939, 22.5387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5108, 20.3461, 26.7866**, and the grayscale version is **22.6165, 23.7943, 25.9120**.

A 20% lighter version of the original color is **44.3097, 52.2668, 48.3106**, and **7.5535, 9.6931, 7.9514** is the 20% darker color. If you saturate the color by 10%, you get **18.4736, 24.2174, 19.0302**, and if you desaturate by 10%, it is **23.7121, 26.7586, 26.4700**.

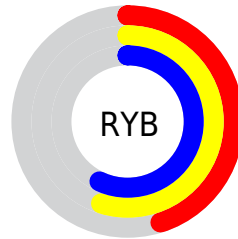
Distribution



Red (45%)

Green (57%)

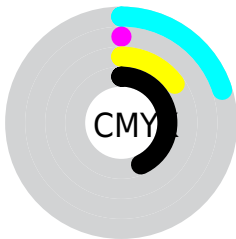
Blue (48%)



Red (45%)

Yellow (55%)

Blue (57%)

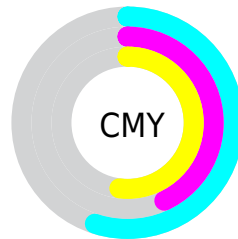


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9030, 25.3939, 22.5387 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 20.9030, 25.3939, 22.5387 by changing the saturation by 10% instead.

■ 20.9030, 25.3939,
22.5387

■ 20.9030, 25.3939,
22.5387

249.5040,
279.7939, 278.3914

■ 13.1652, 16.3708,
14.0512

■ 44.4185, 52.2955,
48.5483

■ 7.6202, 9.7869,
8.0171

■ 60.9270, 70.9428,
66.9075

■ 3.9026, 5.2579,
4.0180

■ 81.0896, 93.5669,
89.3942

■ 1.6472, 2.3994,
1.6352

105.2719,
120.5523, 116.4272

■ 0.4229, 0.8256,
0.3158

133.8391,
152.2833, 148.4248

■ 0.0000, 0.0000,
0.0000

167.1566,

189.1443, 185.8057

205.5898,
231.5197, 228.9884

■ 20.9030, 25.3939,
22.5387

■ 20.9030, 25.3939,
22.5387

■ 18.4736, 24.2174,
19.0302

■ 23.7121, 26.7586,
26.4700

■ 16.4054, 23.2177,
15.9289

■ 26.9142, 28.3161,
30.8358

■ 14.6813, 22.3870,
13.2203

■ 30.5246, 30.0745,
35.6496

■ 13.2821, 21.7159,
10.8887

■ 34.5572, 32.0408,
40.9236

■ 12.1866, 21.1936,
8.9173

■ 39.0251, 34.2216,
46.6695

■ 11.3711, 20.8084,
7.2879

■ 43.9409, 36.6230,
52.8989

■ 10.8080, 20.5465,
5.9809

■ 49.3167, 39.2510,
59.6227

■ 10.4293, 20.3732,
4.9729

■ 55.1641, 42.1115,
66.8514

■ 61.4943, 45.2100,
74.5955

Harmonies

Analogous

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



22.2084, 25.3939, 19.1301



20.9030, 25.3939, 22.5387



20.4523, 25.3939, 27.7723

Triad

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



20.9030, 25.3939, 22.5387



24.1789, 25.3939, 40.3497



27.6398, 25.3939, 22.3542

Complementary

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



20.9030, 25.3939, 22.5387



22.5108, 20.3461, 26.7866

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.



28.2377, 25.3939, 27.5274



20.9030, 25.3939, 22.5387



26.1724, 25.3939, 38.3840

Square

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



20.9030, 25.3939, 22.5387



22.2785, 25.3939, 38.5366



27.6866, 25.3939, 33.4801



26.0943, 25.3939, 19.0345

Rectangle

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



20.9030, 25.3939, 22.5387



20.6762, 25.3939, 31.7626



27.6866, 25.3939, 33.4801



27.9620, 25.3939, 23.9080

Sweetspot

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



20.9037, 25.3950, 22.5393



44.6003, 48.9576, 50.3383



23.7987, 26.9362, 20.4681



9.8518, 10.8571, 11.1025



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.



20.9037, 25.3950, 22.5393



35.3937, 44.4873, 37.4435



21.8632, 25.7788, 27.5918



5.3929, 6.0494, 6.0351



8.9542, 17.4775, 4.3128



0.0932, 0.1701, 0.0810

Inverse Universe

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



22.5108, 20.3461, 26.7866



38.8090, 33.7544, 46.4676



21.5445, 19.9595, 21.6980



5.5714, 5.4891, 6.5068



12.4404, 6.1332, 13.2363



0.1276, 0.0621, 0.1719

Previews

White Background



This preview shows how the XYZ color 20.9030, 25.3939, 22.5387 looks on a white background.

Color Contrast Check

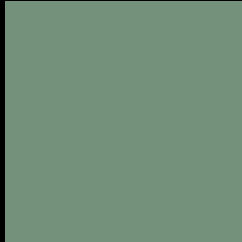
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9030, 25.3939, 22.5387 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 20.9030, 25.3939, 22.5387

Background



This preview shows how black text looks on a background with the XYZ color 20.9030, 25.3939, 22.5387.



This preview shows how white text looks on a background with the XYZ color 20.9030, 25.3939,

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

20.9030, 25.3939, 22.5387

Protanopia

23.7770, 25.1525, 21.0545

Deuteranopia

25.6710, 25.2500, 23.2594



Tritanopia

23.0775, 25.3817, 33.3886

Trichromacy



Original Color

20.9030, 25.3939, 22.5387

Protanomaly

22.5998, 25.1806, 21.4385

Deuteranomaly

23.6318, 25.0347, 22.9887

Tritanomaly

22.0885, 25.1910, 28.8975

Monochromacy



Original Color

20.9030, 25.3939, 22.5387

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.8701, 24.3007, 24.6569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9030, 25.3939, 22.5387 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(116, 145, 123)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 123)  
}
```

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(116, 145, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.9030, 25.3939, 22.5387 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(116, 145, 123) }
```


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

```
.border{ border-color:rgb(116, 145, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 123);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9030, 25.3939, 22.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 123) }
```

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

```
.background{ background-color: rgb(116,  
145, 123) }
```

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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