

Converting Colors

XYZ(20.5997, 24.0748, 23.1271)

Have a look what the booklet for
XYZ(20.5997, 24.0748, 23.1271)
contains.

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Color

**XYZ(20.5510, 24.0884,
22.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	768C7D
RGB	118, 140, 125
RGB Percent	46%, 55%, 49%
CMY	0.5372, 0.4510, 0.5098
CMYK	0.16, 0.00, 0.11, 0.45
HSL	139°, 9%, 51%
HSV	139°, 16%, 55%
XYZ	20.5510, 24.0884, 22.9684
YIQ	131.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

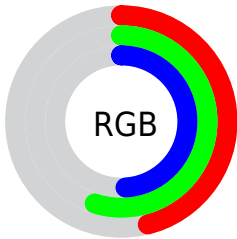
Format	Color
RYB	118, 135, 140
Decimal	7769213
CIELab	56.18, -11.00, 5.39
CIELCh	56, 12.250, 153.921
Yxy	24.0884, 0.3040, 0.3563
Android (android.graphics.Color)	4285959293 (0xFF768C7D)
YUV	131.7120, -3.3090, -12.0254
Hunter-Lab	49.0799, -11.1475, 6.6095

Details

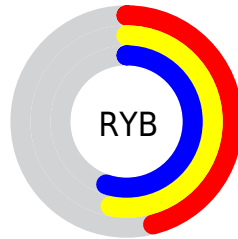
The XYZ color **20.5510, 24.0884, 22.9684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5282, 20.2264, 24.9609**, and the grayscale version is **21.8427, 22.9802, 25.0254**.

A 20% lighter version of the original color is **43.9052, 50.3440, 49.5228**, and **7.4149, 9.0993, 8.2030** is the 20% darker color. If you saturate the color by 10%, you get **18.2083, 22.9485, 19.8271**, and if you desaturate by 10%, it is **23.2359, 25.3993, 26.4328**.

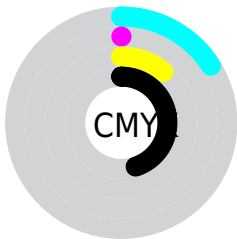
Distribution



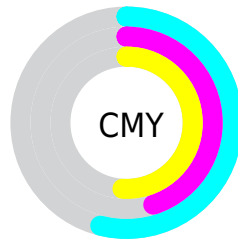
- Red (46%)
- Green (55%)
- Blue (49%)



- Red (46%)
- Yellow (53%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5510, 24.0884, 22.9684 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 20.5510, 24.0884, 22.9684 by changing the saturation by 10% instead.

■ 20.5510, 24.0884,
22.9684

■ 20.5510, 24.0884,
22.9684

247.6597,
273.2671, 280.6793

■ 12.9068, 15.3992,
14.3651

■ 43.8360, 50.1744,
49.2640

■ 7.4409, 9.1000,
8.2334

■ 60.2075, 68.3400,
67.7933

■ 3.7881, 4.8065,
4.1547

■ 80.2188, 90.4332,
90.4684

■ 1.5830, 2.1342,
1.7106

104.2352,
116.8385, 117.7078

■ 0.3813, 0.6837,
0.3680

132.6222,
147.9400, 149.9301

■ 0.0000, 0.0000,
0.0000

165.7450,

184.1224, 187.5537

203.9691,
225.7700, 230.9973

■ 20.5510, 24.0884,
22.9684

■ 20.5510, 24.0884,
22.9684

■ 18.2083, 22.9485,
19.8271

■ 23.2359, 25.3993,
26.4328

■ 16.1918, 21.9695,
16.9979

■ 26.2741, 26.8847,
30.2275

■ 14.4871, 21.1448,
14.4719

■ 29.6789, 28.5520,
34.3615

■ 13.0780, 20.4663,
12.2387

■ 33.4622, 30.4070,
38.8431

■ 11.9466, 19.9251,
10.2876

■ 37.6352, 32.4556,
43.6802

■ 11.0732, 19.5111,
8.6072

■ 42.2088, 34.7030,
48.8805

■ 10.4353, 19.2131,
7.1853

■ 47.1934, 37.1545,
54.4513

■ 10.0003, 19.0144,
6.0082

■ 52.5991, 39.8152,
60.3999

■ 9.8434, 18.9430,
5.5742

■ 58.4356, 42.6899,
66.7332

Harmonies

Analogous

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



21.4189, 24.0884, 20.3116



20.5510, 24.0884, 22.9684



20.3017, 24.0884, 26.7615

Triad

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



20.5510, 24.0884, 22.9684



23.0808, 24.0884, 34.7394



25.2137, 24.0884, 22.1388

Complementary

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



20.5510, 24.0884, 22.9684



21.5282, 20.2264, 24.9609

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.



25.7009, 24.0884, 25.7020



20.5510, 24.0884, 22.9684



24.4380, 24.0884, 33.1948

Square

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



20.5510, 24.0884, 22.9684



21.7268, 24.0884, 33.8185



25.4114, 24.0884, 29.7826



24.1049, 24.0884, 19.8681

Rectangle

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



20.5510, 24.0884, 22.9684



20.5110, 24.0884, 29.4959



25.4114, 24.0884, 29.7826



25.4576, 24.0884, 23.2111

Sweetspot

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



20.5517, 24.0894, 22.9689



41.2726, 44.9288, 46.9912



22.3272, 25.0546, 20.7992



9.4378, 10.3173, 10.7362



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.



20.5517, 24.0894, 22.9689



34.6408, 41.6935, 38.3870



21.2917, 24.3854, 26.8658



5.0332, 5.6328, 5.6957



8.7541, 16.8342, 4.9959



0.0642, 0.1143, 0.0653

Inverse Universe

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



21.5282, 20.2264, 24.9609



36.7130, 33.4950, 42.6130



20.8093, 19.9389, 21.1755



5.1673, 5.1023, 5.9693



11.4730, 5.6993, 10.2608



0.0829, 0.0405, 0.1033

Previews

White Background



This preview shows how the XYZ color 20.5510, 24.0884, 22.9684 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 20.5510, 24.0884, 22.9684 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 20.5510, 24.0884, 22.9684

Background



This preview shows how black text looks on a background with the XYZ color 20.5510, 24.0884, 22.9684.



This preview shows how white text looks on a background with the XYZ color 20.5510, 24.0884,

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

20.5510, 24.0884, 22.9684

Protanopia

22.8532, 24.0308, 21.8463

Deuteranopia

24.3911, 23.9816, 23.4220



Tritanopia

22.3170, 24.1670, 31.5054

Trichromacy



Original Color

20.5510, 24.0884, 22.9684

Protanomaly

21.8950, 23.9439, 22.2065

Deuteranomaly

22.7722, 23.9598, 23.1631

Tritanomaly

21.7073, 24.1354, 28.3254

Monochromacy



Original Color

20.5510, 24.0884, 22.9684

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.3788, 23.4250, 24.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5510, 24.0884, 22.9684 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(118, 140, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 125)  
}
```

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(118, 140, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 125) }
```

Border

The CSS property to change the border of an element to XYZ 20.5510, 24.0884, 22.9684 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(118, 140, 125) }
```


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

```
.border{ border-color:rgb(118, 140, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 125);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5510, 24.0884, 22.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 125) }
```

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

```
.background{ background-color: rgb(118,  
140, 125) }
```

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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