

Converting Colors

XYZ(20.0285, 20.6210, 25.3542)

Have a look what the booklet for
XYZ(20.0285, 20.6210, 25.3542)
contains.

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Color

**XYZ(19.9682, 20.4965,
25.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7C86
RGB	125, 124, 134
RGB Percent	49%, 49%, 53%
CMY	0.5098, 0.5137, 0.4745
CMYK	0.07, 0.07, 0.00, 0.47
HSL	246°, 4%, 51%
HSV	246°, 7%, 53%
XYZ	19.9682, 20.4965, 25.4580
YIQ	125.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

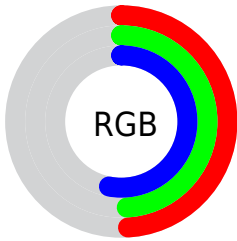
Format	Color
R _Y B	125, 124, 134
Decimal	8223878
CIE Lab	52.39, 2.44, -5.29
CIE LCh	52, 5.825, 294.720
Yxy	20.4965, 0.3029, 0.3109
Android (android.graphics.Color)	4286413958 (0xFF7D7C86)
YUV	125.4390, 4.2206, -0.3850
Hunter-Lab	45.2731, -0.4984, -1.6489

Details

The XYZ color **19.9682, 20.4965, 25.4580** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.8367, 23.4924, 22.4533**, and the grayscale version is **19.6284, 20.6506, 22.4885**.

A 20% lighter version of the original color is **42.8551, 44.1035, 53.2678**, and **7.0968, 7.2087, 9.4049** is the 20% darker color. If you saturate the color by 10%, you get **16.7466, 16.5104, 24.8587**, and if you desaturate by 10%, it is **23.6331, 25.0511, 26.1443**.

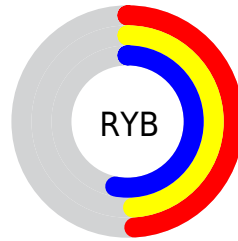
Distribution



Red (49%)

Green (49%)

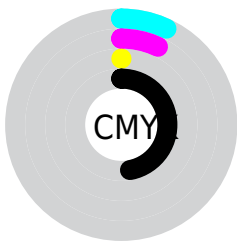
Blue (53%)



Red (49%)

Yellow (49%)

Blue (53%)

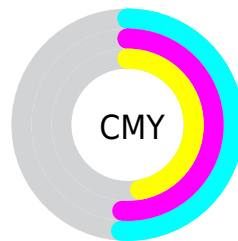


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (51%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9682, 20.4965, 25.4580 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 19.9682, 20.4965, 25.4580 by changing the saturation by 10% instead.

■ 19.9682, 20.4965,
25.4580

■ 19.9682, 20.4965,
25.4580

244.5798,
254.5904, 293.6315

■ 12.4801, 12.7565,
16.1965

■ 42.8682, 44.2480,
53.3726

■ 7.1460, 7.2611,
9.5074

■ 59.0108, 61.0284,
72.8627

■ 3.6007, 3.6259,
4.9723

■ 78.7689, 81.5909,
96.5995

■ 1.4788, 1.4666,
2.1726

102.5079,
106.3200, 125.0014

■ 0.3114, 0.2650,
0.6585

130.5931,
135.6001, 158.4870

■ 0.0000, 0.0000,
0.0000

163.3899,

169.8156, 197.4749

201.2637,
209.3509, 242.3836

■ 19.9682, 20.4965,
25.4580

■ 19.9682, 20.4965,
25.4580

■ 16.7466, 16.5104,
24.8587

■ 23.6331, 25.0511,
26.1443

■ 13.9497, 13.0678,
24.3416

■ 27.7553, 30.1925,
26.9194

■ 11.5603, 10.1461,
23.9036

■ 32.3506, 35.9414,
27.7869

■ 9.5593, 7.7197,
23.5407

■ 37.4333, 42.3170,
28.7496

■ 7.9260, 5.7611,
23.2488

■ 43.0172, 49.3373,
29.8103

■ 6.6379, 4.2400,
23.0231

■ 49.1156, 57.0196,
30.9718

■ 5.6699, 3.1227,
22.8584

■ 55.7411, 65.3809,
32.2364

■ 4.9934, 2.3701,
22.7488

■ 62.9061, 74.4372,
33.6068

■ 4.5614, 1.9092,
22.6826

■ 70.6224, 84.2041,
35.0854

Harmonies

Analogous

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



19.3752, 20.4965, 25.7748



19.9682, 20.4965, 25.4580



20.4392, 20.4965, 24.2823

Triad

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



19.9682, 20.4965, 25.4580



20.1559, 20.4965, 19.7249



18.3540, 20.4965, 22.0143

Complementary

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



19.9682, 20.4965, 25.4580



21.8367, 23.4924, 22.4533

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.



18.5538, 20.4965, 20.4611



19.9682, 20.4965, 25.4580



19.5878, 20.4965, 19.1835

Square

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



19.9682, 20.4965, 25.4580



20.5492, 20.4965, 20.9626



19.0024, 20.4965, 19.4460



18.4511, 20.4965, 23.7289

Rectangle

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



19.9682, 20.4965, 25.4580



20.6166, 20.4965, 23.2001



19.0024, 20.4965, 19.4460



18.3885, 20.4965, 21.4570

Sweetspot

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



19.9688, 20.4974, 25.4585



38.5814, 40.3337, 45.4901



21.0262, 22.8275, 25.8525



8.7128, 9.1127, 10.2524



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.9688, 20.4974, 25.4585



34.1414, 34.8232, 44.6605



20.6918, 20.8701, 25.4923



4.4745, 4.5652, 5.8461



4.1984, 1.6985, 21.2433



0.0172, 0.0072, 0.0737

Inverse Universe

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



21.2735, 21.1780, 25.1576



36.9451, 36.2859, 44.0066



21.0910, 23.1080, 22.4184



4.8384, 4.7550, 5.7613



12.4281, 6.0356, 17.3587



0.0445, 0.0215, 0.0677

Previews

White Background



This preview shows how the XYZ color 19.9682, 20.4965, 25.4580 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 19.9682, 20.4965, 25.4580 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

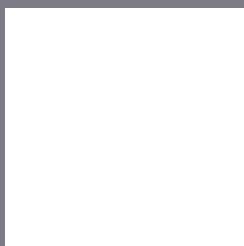
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9682, 20.4965, 25.4580

Background



This preview shows how black text looks on a background with the XYZ color 19.9682, 20.4965, 25.4580.



This preview shows how white text looks on a background with the XYZ color 19.9682, 20.4965,

25.4580.

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

19.9682, 20.4965, 25.4580

Protanopia

19.8229, 20.4216, 25.4512

Deuteranopia

20.8834, 20.4106, 25.7606



Tritanopia

19.9682, 20.4965, 25.4580

Trichromacy



Original Color

19.9682, 20.4965, 25.4580

Protanomaly

19.8229, 20.4216, 25.4512

Deuteranomaly

20.5386, 20.4142, 25.7795

Tritanomaly

19.9682, 20.4965, 25.4580

Monochromacy



Original Color

19.9682, 20.4965, 25.4580

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6873, 20.5857, 23.3579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9682, 20.4965, 25.4580 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(125, 124, 134)` looks like.

```
.text, #text, p{  
    color:rgb(125, 124, 134)  
}
```

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(125, 124, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 124, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.9682, 20.4965, 25.4580 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(125, 124, 134) }
```


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

```
.border{ border-color:rgb(125, 124, 134) }
```

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

Here you see how a box with a 4 pixel rgb(125, 124, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(125, 124,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9682, 20.4965, 25.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 124, 134) }
```

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

```
.background{ background-color: rgb(125,  
124, 134) }
```

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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