

Converting Colors

XYZ(20.6305, 23.9124, 24.5074)

Have a look what the booklet for
XYZ(20.6305, 23.9124, 24.5074)
contains.

XYZ(20.5980, 23.8589, 24.6387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5980, 23.8589,
24.6387)**

Conversions

Conversions Part 1

Format	Color
Hex	758B82
RGB	117, 139, 130
RGB Percent	46%, 55%, 51%
CMY	0.5412, 0.4549, 0.4902
CMYK	0.16, 0.00, 0.06, 0.45
HSL	155°, 9%, 50%
HSV	155°, 16%, 55%
XYZ	20.5980, 23.8589, 24.6387
YIQ	131.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

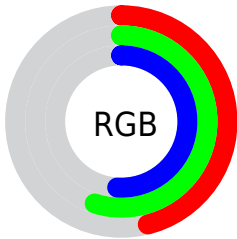
Format	Color
RYB	117, 131, 139
Decimal	7703426
CIELab	55.95, -9.78, 2.17
CIELCh	56, 10.021, 167.494
Yxy	23.8589, 0.2981, 0.3453
Android (android.graphics.Color)	4285893506 (0xFF758B82)
YUV	131.3960, -0.6882, -12.6253
Hunter-Lab	48.8456, -10.2070, 4.2848

Details

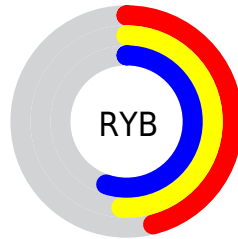
The XYZ color **20.5980, 23.8589, 24.6387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7755, 19.7185, 22.4508**, and the grayscale version is **21.7206, 22.8518, 24.8856**.

A 20% lighter version of the original color is **43.9794, 49.9938, 52.1316**, and **7.4415, 8.9678, 9.1233** is the 20% darker color. If you saturate the color by 10%, you get **18.4961, 22.8189, 22.6026**, and if you desaturate by 10%, it is **22.9997, 25.0523, 26.8000**.

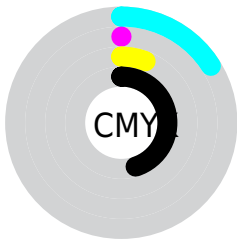
Distribution



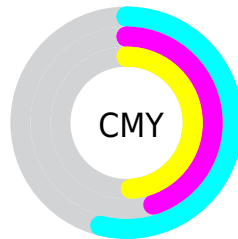
- Red (46%)
- Green (55%)
- Blue (51%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5980, 23.8589, 24.6387 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 20.5980, 23.8589, 24.6387 by changing the saturation by 10% instead.

■ 20.5980, 23.8589,
24.6387

■ 20.5980, 23.8589,
24.6387

247.9066,
272.1063, 289.4237

■ 12.9413, 15.2290,
15.5915

■ 43.9139, 49.7998,
52.0273

■ 7.4648, 8.9803,
9.0844

■ 60.3037, 67.8797,
71.2058

■ 3.8034, 4.7283,
4.6987

■ 80.3353, 89.8783,
94.5985

■ 1.5915, 2.0887,
2.0159

104.3739,
116.1800, 122.6239

■ 0.3869, 0.6583,
0.5651

132.7850,
147.1693, 155.7006

■ 0.0000, 0.0000,
0.0000

165.9340,

183.2305, 194.2471

204.1860,
224.7481, 238.6820

■ 20.5980, 23.8589,
24.6387

■ 20.5980, 23.8589,
24.6387

■ 18.4961, 22.8189,
22.6026

■ 22.9997, 25.0523,
26.8000

■ 16.6795, 21.9229,
20.6878

■ 25.7109, 26.4022,
29.0871

■ 15.1355, 21.1651,
18.8924

■ 28.7435, 27.9152,
31.5029

■ 13.8494, 20.5379,
17.2138

■ 32.1080, 29.5968,
34.0494

■ 12.8053, 20.0332,
15.6494

■ 35.8144, 31.4521,
36.7288

■ 11.9853, 19.6418,
14.1963

■ 39.8724, 33.4859,
39.5430

■ 11.3691, 19.3532,
12.8517

■ 44.2912, 35.7032,
42.4940

■ 10.9257, 19.1516,
11.6119

■ 49.0796, 38.1083,
45.5839

■ 10.7611, 19.0774,
11.1239

■ 54.2464, 40.7057,
48.8144

Harmonies

Analogous

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



21.0948, 23.8589, 21.9524



20.5980, 23.8589, 24.6387



20.6445, 23.8589, 27.9172

Triad

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



20.5980, 23.8589, 24.6387



23.3444, 23.8589, 32.4574



24.1952, 23.8589, 21.6079

Complementary

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



20.5980, 23.8589, 24.6387



20.7755, 19.7185, 22.4508

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.



24.8391, 23.8589, 24.1313



20.5980, 23.8589, 24.6387



24.3367, 23.8589, 30.4686

Square

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



20.5980, 23.8589, 24.6387



22.2045, 23.8589, 32.6222



24.8917, 23.8589, 27.3656



23.1565, 23.8589, 20.3038

Rectangle

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



20.5980, 23.8589, 24.6387



20.9773, 23.8589, 30.0019



24.8917, 23.8589, 27.3656



24.4664, 23.8589, 22.3315

Sweetspot

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



20.5987, 23.8599, 24.6392



41.5171, 45.0266, 48.2789



21.0731, 24.1990, 20.3901



9.5007, 10.3425, 11.0675



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.



20.5987, 23.8599, 24.6392



35.4769, 42.0280, 42.7898



20.9665, 23.5858, 27.8748



5.0877, 5.6546, 5.9827



9.7205, 17.2208, 10.0848



0.0719, 0.1173, 0.1054

Inverse Universe

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



20.7755, 19.7185, 22.4508



35.8560, 33.1522, 38.1004



20.4361, 19.9279, 19.5993



5.1122, 5.0803, 5.6791



10.2816, 5.2228, 3.9874



0.0753, 0.0375, 0.0632

Previews

White Background



This preview shows how the XYZ color 20.5980, 23.8589, 24.6387 looks on a white background.

Color Contrast Check

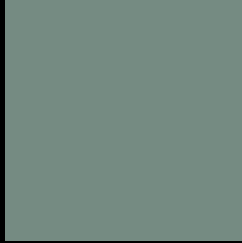
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5980, 23.8589, 24.6387 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

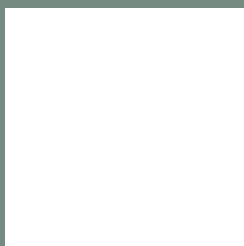
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5980, 23.8589, 24.6387

Background



This preview shows how black text looks on a background with the XYZ color 20.5980, 23.8589, 24.6387.



This preview shows how white text looks on a background with the XYZ color 20.5980, 23.8589,

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

20.5980, 23.8589, 24.6387

Protanopia

22.6995, 23.7106, 23.4589

Deuteranopia

24.0477, 23.5695, 25.1117



Tritanopia

21.8163, 23.7080, 31.0300

Trichromacy



Original Color

20.5980, 23.8589, 24.6387

Protanomaly

21.7662, 23.6323, 23.8364

Deuteranomaly

22.6376, 23.6480, 24.8441

Tritanomaly

21.3611, 23.7363, 28.6550

Monochromacy



Original Color

20.5980, 23.8589, 24.6387

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2260, 23.1245, 24.8175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5980, 23.8589, 24.6387 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(117, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(117, 139, 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(117, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 139, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.5980, 23.8589, 24.6387 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(117, 139, 130) }
```


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

```
.border{ border-color:rgb(117, 139, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 139, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(117, 139,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5980, 23.8589, 24.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 139, 130) }
```

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

```
.background{ background-color: rgb(117,  
139, 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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