

Converting Colors

XYZ(20.8568, 24.9952, 26.4461)

Have a look what the booklet for
XYZ(20.8568, 24.9952, 26.4461)
contains.

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Color

**XYZ(20.8319, 25.0473,
26.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9086
RGB	111, 144, 134
RGB Percent	44%, 56%, 53%
CMY	0.5647, 0.4353, 0.4745
CMYK	0.23, 0.00, 0.07, 0.44
HSL	162°, 13%, 50%
HSV	162°, 23%, 56%
XYZ	20.8319, 25.0473, 26.2909
YIQ	132.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

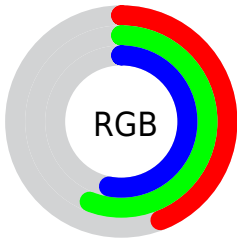
Format	Color
RYB	111, 130, 144
Decimal	7311494
CIELab	57.12, -13.72, 1.53
CIELCh	57, 13.801, 173.632
Yxy	25.0473, 0.2887, 0.3471
Android (android.graphics.Color)	4285501574 (0xFF6F9086)
YUV	132.9930, 0.4965, -19.2879
Hunter-Lab	50.0473, -13.2831, 3.8868

Details

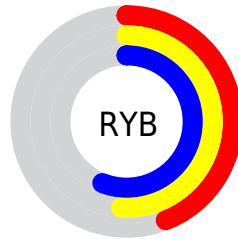
The XYZ color **20.8319, 25.0473, 26.2909** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6381, 18.6793, 20.6080**, and the grayscale version is **22.2949, 23.4560, 25.5436**.

A 20% lighter version of the original color is **44.2680, 51.7626, 54.6717**, and **7.5895, 9.6696, 9.8539** is the 20% darker color. If you saturate the color by 10%, you get **18.8660, 24.0690, 24.6429**, and if you desaturate by 10%, it is **23.1039, 26.1833, 28.0199**.

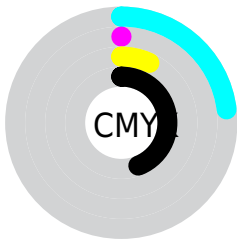
Distribution



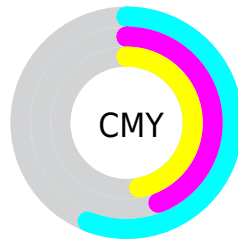
- Red (44%)
- Green (56%)
- Blue (53%)



- Red (44%)
- Yellow (51%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8319, 25.0473, 26.2909 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 20.8319, 25.0473, 26.2909 by changing the saturation by 10% instead.

■ 20.8319, 25.0473,
26.2909

■ 20.8319, 25.0473,
26.2909

249.1324,
278.0734, 297.8580

■ 13.1129, 16.1123,
16.8137

■ 44.3010, 51.7339,
54.7337

■ 7.5839, 9.6037,
9.9412

■ 60.7818, 70.2544,
74.5364

■ 3.8794, 5.1370,
5.2549

■ 80.9140, 92.7388,
98.6179

■ 1.6341, 2.3279,
2.3362

■ 105.0629,
119.5714, 127.3969

■ 0.4145, 0.7884,
0.7514

133.5938,
151.1369, 161.2919

■ 0.0000, 0.0000,
0.0000

166.8721,

187.8194, 200.7213

205.2632,
230.0035, 246.1038

■ 20.8319, 25.0473,
26.2909

■ 20.8319, 25.0473,
26.2909

■ 18.8660, 24.0690,
24.6429

■ 23.1039, 26.1833,
28.0199

■ 17.1900, 23.2380,
23.0727

■ 25.6931, 27.4807,
29.8296

■ 15.7893, 22.5475,
21.5795

■ 28.6126, 28.9469,
31.7218

■ 14.6472, 21.9889,
20.1615

■ 31.8741, 30.5879,
33.6980

■ 13.7450, 21.5527,
18.8172

■ 35.4887, 32.4094,
35.7592

■ 13.0618, 21.2279,
17.5446

■ 39.4670, 34.4169,
37.9068

■ 12.5723, 21.0016,
16.3418

■ 43.8193, 36.6157,
40.1419

■ 12.2914, 20.8745,
15.5293

■ 48.5553, 39.0106,
42.4656

■ 53.6844, 41.6067,
44.8792

Harmonies

Analogous

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



21.3762, 25.0473, 22.2986



20.8319, 25.0473, 26.2909



21.0550, 25.0473, 31.0225

Triad

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



20.8319, 25.0473, 26.2909



25.0825, 25.0473, 36.3282



25.7097, 25.0473, 20.6772

Complementary

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



20.8319, 25.0473, 26.2909



20.6381, 18.6793, 20.6080

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.



26.7883, 25.0473, 23.8371



20.8319, 25.0473, 26.2909



26.4148, 25.0473, 32.9354

Square

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



20.8319, 25.0473, 26.2909



23.4615, 25.0473, 37.1772



27.0520, 25.0473, 28.2777



24.1552, 25.0473, 19.3042

Rectangle

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



20.8319, 25.0473, 26.2909



21.6141, 25.0473, 33.9312



27.0520, 25.0473, 28.2777



26.1428, 25.0473, 21.5470

Sweetspot

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



20.8326, 25.0483, 26.2915



43.3148, 47.4646, 51.2435



20.7917, 25.1929, 18.8062



9.8804, 10.8583, 11.7146



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.



20.8326, 25.0483, 26.2915



34.7156, 43.1673, 44.7079



20.6717, 23.5567, 29.8442



5.4916, 6.0889, 6.5545



10.7138, 18.1814, 13.5789



0.1122, 0.1778, 0.1815

Inverse Universe

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



20.6381, 18.6793, 20.6080



34.3061, 29.7122, 32.7072



20.7388, 19.8119, 17.7704



5.4720, 5.4493, 5.9835



10.4154, 5.3232, 2.5728



0.1085, 0.0544, 0.0714

Previews

White Background



This preview shows how the XYZ color 20.8319, 25.0473, 26.2909 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 20.8319, 25.0473, 26.2909 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

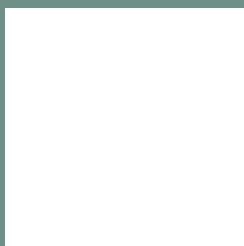
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8319, 25.0473, 26.2909

Background



This preview shows how black text looks on a background with the XYZ color 20.8319, 25.0473, 26.2909.



This preview shows how white text looks on a background with the XYZ color 20.8319, 25.0473,

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

20.8319, 25.0473, 26.2909

Protanopia

23.8179, 24.8827, 24.6666

Deuteranopia

25.2729, 24.7641, 26.7405



Tritanopia

22.3449, 24.9945, 33.7837

Trichromacy



Original Color

20.8319, 25.0473, 26.2909

Protanomaly

22.5353, 24.8498, 25.0815

Deuteranomaly

23.3307, 24.5918, 26.4387

Tritanomaly

21.8007, 24.9987, 30.8703

Monochromacy



Original Color

20.8319, 25.0473, 26.2909

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6367, 23.9447, 25.6717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8319, 25.0473, 26.2909 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, 144, 134)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 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(111, 144, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.8319, 25.0473, 26.2909 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, 144, 134) }
```


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

```
.border{ border-color:rgb(111, 144, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 134);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8319, 25.0473, 26.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 134) }
```

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

```
.background{ background-color: rgb(111,  
144, 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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