

Converting Colors

XYZ(20.7141, 24.3626, 25.8706)

Have a look what the booklet for
XYZ(20.7141, 24.3626, 25.8706)
contains.

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Color

**XYZ(20.6979, 24.3206,
25.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	728D85
RGB	114, 141, 133
RGB Percent	45%, 55%, 52%
CMY	0.5529, 0.4470, 0.4784
CMYK	0.19, 0.00, 0.06, 0.45
HSL	162°, 11%, 50%
HSV	162°, 19%, 55%
XYZ	20.6979, 24.3206, 25.7938
YIQ	132.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

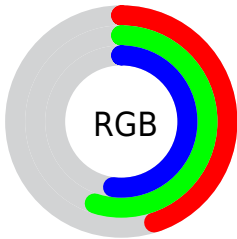
Format	Color
RYB	114, 130, 141
Decimal	7507333
CIELab	56.41, -11.29, 1.09
CIELCh	56, 11.338, 174.487
Yxy	24.3206, 0.2923, 0.3435
Android (android.graphics.Color)	4285697413 (0xFF728D85)
YUV	132.0150, 0.4856, -15.7992
Hunter-Lab	49.3159, -11.3864, 3.5106

Details

The XYZ color **20.6979, 24.3206, 25.7938** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5155, 19.1030, 21.0192**, and the grayscale version is **21.9398, 23.0824, 25.1368**.

A 20% lighter version of the original color is **44.1039, 50.6824, 53.9125**, and **7.5213, 9.2461, 9.7758** is the 20% darker color. If you saturate the color by 10%, you get **18.7205, 23.3346, 24.2245**, and if you desaturate by 10%, it is **22.9709, 25.4590, 27.4379**.

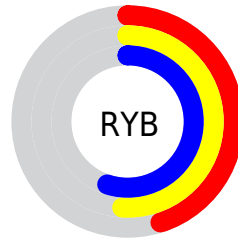
Distribution



Red (45%)

Green (55%)

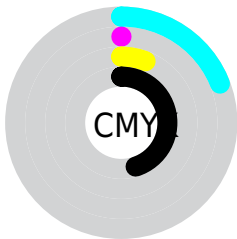
Blue (52%)



Red (45%)

Yellow (51%)

Blue (55%)

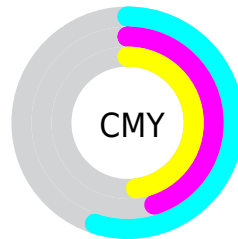


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6979, 24.3206, 25.7938 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 20.6979, 24.3206, 25.7938 by changing the saturation by 10% instead.

■ 20.6979, 24.3206,
25.7938

■ 20.6979, 24.3206,
25.7938

248.4308,
274.4373, 295.3416

■ 13.0146, 15.5716,
16.4451

■ 44.0793, 50.5529,
53.9221

■ 7.5156, 9.2215,
9.6819

■ 60.5080, 68.8049,
73.5387

■ 3.8358, 4.8860,
5.0857

■ 80.5826, 90.9935,
97.4151

■ 1.6097, 2.1805,
2.2380

■ 104.6685,
117.5029, 125.9697

■ 0.3987, 0.7093,
0.6962

133.1308,
148.7176, 159.6211

■ 0.0000, 0.0000,
0.0000

166.3351,

185.0220, 198.7879

204.6466,
226.8004, 243.8885

■ 20.6979, 24.3206,
25.7938

■ 20.6979, 24.3206,
25.7938

■ 18.7205, 23.3346,
24.2245

■ 22.9709, 25.4590,
27.4379

■ 17.0237, 22.4912,
22.7271

■ 25.5497, 26.7530,
29.1565

■ 15.5940, 21.7843,
21.3007

■ 28.4464, 28.2097,
30.9513

■ 14.4162, 21.2059,
19.9441

■ 31.6721, 29.8344,
32.8234

■ 13.4733, 20.7474,
18.6555

■ 35.2369, 31.6327,
34.7740

■ 12.7464, 20.3989,
17.4335

■ 39.1510, 33.6096,
36.8042

■ 12.2133, 20.1492,
16.2761

■ 43.4237, 35.7700,
38.9150

■ 11.8200, 19.9702,
15.1802

■ 48.0643, 38.1185,
41.1075

■ 11.7879, 19.9557,
15.0897

■ 53.0814, 40.6598,
43.3827

Harmonies

Analogous

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



21.1254, 24.3206, 22.5070



20.6979, 24.3206, 25.7938



20.8982, 24.3206, 29.5855

Triad

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



20.6979, 24.3206, 25.7938



24.1760, 24.3206, 33.6049



24.6106, 24.3206, 21.0314

Complementary

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



20.6979, 24.3206, 25.7938



20.5155, 19.1030, 21.0192

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.



25.4854, 24.3206, 23.6016



20.6979, 24.3206, 25.7938



25.2279, 24.3206, 30.8973

Square

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



20.6979, 24.3206, 25.7938



22.8748, 24.3206, 34.3316



25.7155, 24.3206, 27.1803



23.3589, 24.3206, 19.9289

Rectangle

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



20.6979, 24.3206, 25.7938



21.3648, 24.3206, 31.8656



25.7155, 24.3206, 27.1803



24.9603, 24.3206, 21.7400

Sweetspot

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



20.6986, 24.3216, 25.7943



42.4717, 46.2609, 50.0502



20.6031, 24.4106, 19.5456



9.4312, 10.3049, 11.1416



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.



20.6986, 24.3216, 25.7943



35.4643, 42.7540, 44.9543



20.4958, 22.9972, 28.5592



5.4931, 6.0895, 6.5624



10.7550, 18.1979, 13.7959



0.1125, 0.1779, 0.1830

Inverse Universe

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



20.5155, 19.1030, 21.0192



35.0745, 31.6300, 34.7786



20.6670, 20.1673, 18.7232



5.4706, 5.4487, 5.9759



10.3997, 5.3169, 2.4901



0.1082, 0.0543, 0.0699

Previews

White Background



This preview shows how the XYZ color 20.6979, 24.3206, 25.7938 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 20.6979, 24.3206, 25.7938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

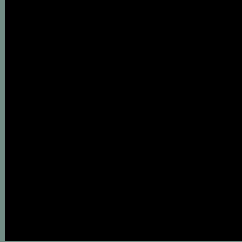
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6979, 24.3206, 25.7938

Background



This preview shows how black text looks on a background with the XYZ color 20.6979, 24.3206, 25.7938.



This preview shows how white text looks on a background with the XYZ color 20.6979, 24.3206,

25.7938.

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

20.6979, 24.3206, 25.7938

Protanopia

23.1350, 24.1241, 24.2060

Deuteranopia

24.7022, 24.2778, 26.3058



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

20.6979, 24.3206, 25.7938

Protanomaly

22.1808, 24.2489, 24.6305

Deuteranomaly

23.1204, 24.2834, 26.0228

Tritanomaly

21.6146, 24.4828, 29.9720

Monochromacy



Original Color

20.6979, 24.3206, 25.7938

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.2863, 23.3539, 25.2156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6979, 24.3206, 25.7938 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(114, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 133)  
}
```

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(114, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.6979, 24.3206, 25.7938 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(114, 141, 133) }
```


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

```
.border{ border-color:rgb(114, 141, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6979, 24.3206, 25.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 133) }
```

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

```
.background{ background-color: rgb(114,  
141, 133) }
```

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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