

Converting Colors

XYZ(20.9175, 24.4503, 28.3141)

Have a look what the booklet for
XYZ(20.9175, 24.4503, 28.3141)
contains.

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Color

**XYZ(20.9406, 24.3879,
28.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	708D8C
RGB	112, 141, 140
RGB Percent	44%, 55%, 55%
CMY	0.5608, 0.4470, 0.4510
CMYK	0.21, 0.00, 0.01, 0.45
HSL	178°, 11%, 50%
HSV	178°, 21%, 55%
XYZ	20.9406, 24.3879, 28.4146
YIQ	132.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

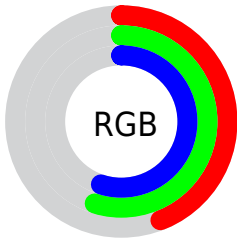
Format	Color
R_{YB}	112, 127, 141
Decimal	7376268
CIE _{Lab}	56.47, -10.40, -2.85
CIE _{LCh}	56, 10.786, 195.334
Yxy	24.3879, 0.2840, 0.3307
Android (android.graphics.Color)	4285566348 (0xFF708D8C)
YUV	132.2150, 3.8380, -17.7286
Hunter-Lab	49.3841, -10.7319, 0.4546

Details

The XYZ color **20.9406, 24.3879, 28.4146** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7602, 18.4440, 18.1424**, and the grayscale version is **22.0012, 23.1470, 25.2071**.

A 20% lighter version of the original color is **44.4506, 50.7730, 57.9094**, and **7.6364, 9.2771, 11.0610** is the 20% darker color. If you saturate the color by 10%, you get **19.2495, 23.5209, 28.1489**, and if you desaturate by 10%, it is **22.9142, 25.4018, 28.6954**.

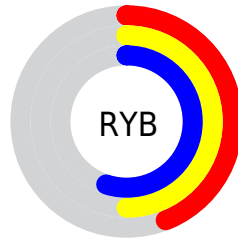
Distribution



Red (44%)

Green (55%)

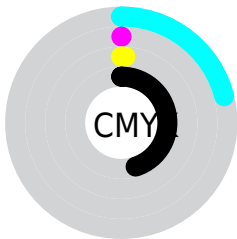
Blue (55%)



Red (44%)

Yellow (50%)

Blue (55%)

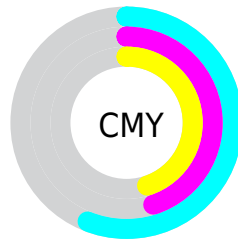


Cyan (21%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (56%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9406, 24.3879, 28.4146 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 20.9406, 24.3879, 28.4146 by changing the saturation by 10% instead.

■ 20.9406, 24.3879,
28.4146

■ 20.9406, 24.3879,
28.4146

249.7003,
274.7757, 308.4168

■ 13.1928, 15.6216,
18.3967

■ 44.4807, 50.6625,
58.1767

■ 7.6394, 9.2568,
11.0628

■ 61.0037, 68.9395,
78.7580

■ 3.9149, 4.9091,
5.9944

■ 81.1824, 91.1556,
103.6975

■ 1.6541, 2.1940,
2.7729

■ 105.3823,
117.6952, 133.4137

■ 0.4273, 0.7167,
0.9799

133.9687,
148.9426, 168.3252

■ 0.0000, 0.0000,
0.0000

167.3069,

185.2822, 208.8505

205.7624,
227.0985, 255.4082

■ 20.9406, 24.3879,
28.4146

■ 20.9406, 24.3879,
28.4146

■ 19.2495, 23.5209,
28.1489

■ 22.9142, 25.4018,
28.6954

■ 17.8258, 22.7911,
27.8960

■ 25.1805, 26.5659,
28.9902

■ 16.6562, 22.1922,
27.6559

■ 27.7516, 27.8872,
29.3001

■ 15.7252, 21.7164,
27.4277

■ 30.6383, 29.3711,
29.6255

■ 15.0159, 21.3548,
27.2108

■ 33.8511, 31.0231,
29.9671

■ 14.5090, 21.0975,
27.0041

■ 37.3996, 32.8483,
30.3253

■ 14.1818, 20.9329,
26.8067

■ 41.2935, 34.8513,
30.7004

■ 13.9786, 20.8319,
26.6262

■ 45.5417, 37.0371,
31.0929

■ 50.1530, 39.4100,
31.5033

Harmonies

Analogous

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



20.9338, 24.3879, 24.8510



20.9406, 24.3879, 28.4146



21.5327, 24.3879, 31.7514

Triad

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



20.9406, 24.3879, 28.4146



24.9300, 24.3879, 31.6876



23.7932, 24.3879, 20.4418

Complementary

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



20.9406, 24.3879, 28.4146



19.7602, 18.4440, 18.1424

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.



24.9092, 24.3879, 21.9576



20.9406, 24.3879, 28.4146



25.5813, 24.3879, 28.3336

Square

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



20.9406, 24.3879, 28.4146



23.8207, 24.3879, 33.7534



25.5736, 24.3879, 24.7770



22.5508, 24.3879, 20.4593

Rectangle

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



20.9406, 24.3879, 28.4146



22.1923, 24.3879, 33.3064



25.5736, 24.3879, 24.7770



24.1965, 24.3879, 20.7825

Sweetspot

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



20.9413, 24.3889, 28.4152



42.7694, 46.3800, 51.6177



19.3184, 23.7612, 18.8980



9.5036, 10.3339, 11.5225



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.



20.9413, 24.3889, 28.4152



35.9342, 42.8707, 50.6448



19.2032, 20.7939, 28.2019



5.5523, 6.1132, 6.8744



12.7466, 18.9945, 24.2836



0.1235, 0.1823, 0.2408

Inverse Universe

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



19.7602, 18.4440, 18.1424



33.3981, 30.1044, 28.5860



21.2499, 21.5133, 18.3623



5.4160, 5.4269, 5.6885



10.0414, 5.1736, 0.6034



0.0972, 0.0499, 0.0121

Previews

White Background



This preview shows how the XYZ color 20.9406, 24.3879, 28.4146 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 20.9406, 24.3879, 28.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

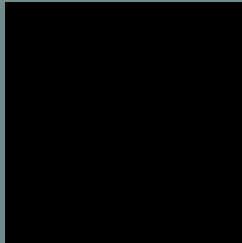
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

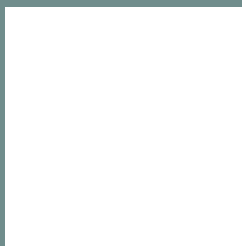
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9406, 24.3879, 28.4146

Background



This preview shows how black text looks on a background with the XYZ color 20.9406, 24.3879, 28.4146.



This preview shows how white text looks on a background with the XYZ color 20.9406, 24.3879,

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

20.9406, 24.3879, 28.4146

Protanopia

23.2856, 24.1461, 26.7259

Deuteranopia

24.6758, 24.2053, 28.9627



Tritanopia

21.7580, 24.2770, 32.8173

Trichromacy



Original Color

20.9406, 24.3879, 28.4146

Protanomaly

22.3631, 24.2867, 27.1760

Deuteranomaly

23.1446, 24.2376, 28.6578

Tritanomaly

21.4546, 24.3735, 31.1775

Monochromacy



Original Color

20.9406, 24.3879, 28.4146

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4946, 23.4372, 26.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9406, 24.3879, 28.4146 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(112, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(112, 141, 140)  
}
```

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(112, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 141, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.9406, 24.3879, 28.4146 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(112, 141, 140) }
```


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

```
.border{ border-color:rgb(112, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(112, 141,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9406, 24.3879, 28.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 141, 140) }
```

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

```
.background{ background-color: rgb(112,  
141, 140) }
```

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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