

Converting Colors

XYZ(24.7739, 28.3584, 41.1383)

Have a look what the booklet for
XYZ(24.7739, 28.3584, 41.1383)
contains.

XYZ(24.8166, 28.4051, 41.2206)	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(24.8166, 28.4051,
41.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	7097A8
RGB	112, 151, 168
RGB Percent	44%, 59%, 66%
CMY	0.5608, 0.4078, 0.3412
CMYK	0.33, 0.10, 0.00, 0.34
HSL	198°, 24%, 55%
HSV	198°, 33%, 66%
XYZ	24.8166, 28.4051, 41.2206
YIQ	141.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

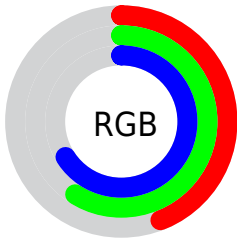
Format	Color
R_{YB}	112, 135, 168
Decimal	7378856
CIE _{Lab}	60.25, -9.10, -13.21
CIE _{LCh}	60, 16.044, 235.433
Yxy	28.4051, 0.2628, 0.3008
Android (android.graphics.Color)	4285568936 (0xFF7097A8)
YUV	141.2770, 13.1744, -25.6759
Hunter-Lab	53.2964, -10.1532, -8.5486

Details

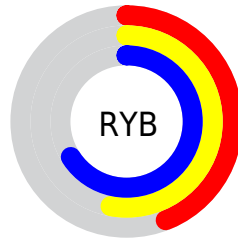
The XYZ color **24.8166, 28.4051, 41.2206** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.9239, 25.1956, 18.7742**, and the grayscale version is **25.3848, 26.7068, 29.0837**.

A 20% lighter version of the original color is **50.6677, 56.9897, 78.1417**, and **9.6340, 11.3674, 18.2094** is the 20% darker color. If you saturate the color by 10%, you get **22.0723, 25.7989, 40.8627**, and if you desaturate by 10%, it is **27.9970, 31.2902, 41.6103**.

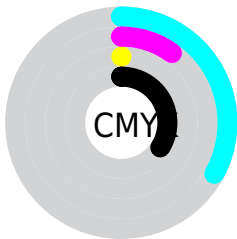
Distribution



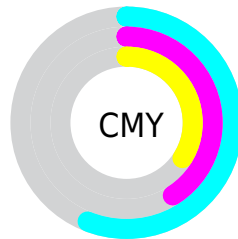
- Red (44%)
- Green (59%)
- Blue (66%)



- Red (44%)
- Yellow (53%)
- Blue (66%)



- Cyan (33%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)



- Cyan (56%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8166, 28.4051, 41.2206 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 24.8166, 28.4051, 41.2206 by changing the saturation by 10% instead.

■ 24.8166, 28.4051,
41.2206

■ 24.8166, 28.4051,
41.2206

269.2879,
294.3976, 366.9457

■ 16.0685, 18.6313,
28.1705

■ 50.8046, 57.1306,
78.2760

■ 9.6638, 11.4041,
18.2141

■ 68.7751, 76.8510,
103.1183

■ 5.2372, 6.3394,
10.9328

■ 90.5506, 100.6557,
132.7285

■ 2.4233, 3.0525,
5.9080

■ 116.4962,
128.9291, 167.5250

■ 0.8567, 1.1592,
2.7214

146.9774,
162.0556, 207.9265

■ 0.0000, 0.0280,
0.9541

182.3595,

■ 0.0000, 0.0000,

200.4196, 254.3514

0.0000

223.0079,
244.4054, 307.2183

■ 24.8166, 28.4051,
41.2206

■ 24.8166, 28.4051,
41.2206

■ 22.0723, 25.7989,
40.8627

■ 27.9970, 31.2902,
41.6103

■ 19.7389, 23.4558,
40.5334

■ 31.6318, 34.4623,
42.0310

■ 17.7922, 21.3635,
40.2321

■ 35.7414, 37.9331,
42.4844

■ 16.2047, 19.5070,
39.9575

■ 40.3442, 41.7128,
42.9713

■ 14.9446, 17.8694,
39.7078

■ 45.4576, 45.8110,
43.4929

■ 13.9739, 16.4302,
39.4812

■ 51.0979, 50.2366,
44.0498

■ 13.4298, 15.5508,
39.3401

■ 57.2808, 54.9984,
44.6430

■ 64.0215, 60.1047,
45.2734

■ 68.2515, 63.9742,
45.7973

Harmonies

Analogous

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



23.5828, 28.4051, 36.0503



24.8166, 28.4051, 41.2206



26.6846, 28.4051, 43.6439

Triad

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



24.8166, 28.4051, 41.2206



31.1341, 28.4051, 31.8387



25.3356, 28.4051, 21.7884

Complementary

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



24.8166, 28.4051, 41.2206



26.9239, 25.1956, 18.7742

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.



27.3142, 28.4051, 20.9588



24.8166, 28.4051, 41.2206



30.7283, 28.4051, 26.3161

Square

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



24.8166, 28.4051, 41.2206



30.3865, 28.4051, 37.8076



29.3040, 28.4051, 22.5100



23.8717, 28.4051, 24.9387

Rectangle

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



24.8166, 28.4051, 41.2206



28.0640, 28.4051, 43.1771



29.3040, 28.4051, 22.5100



25.9597, 28.4051, 21.2474

Sweetspot

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



24.8175, 28.4062, 41.2213



59.6533, 64.4598, 76.5230



24.6346, 33.0303, 25.7771



12.7899, 13.8690, 16.6550



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.8175, 28.4062, 41.2213



41.2735, 47.9973, 74.3142



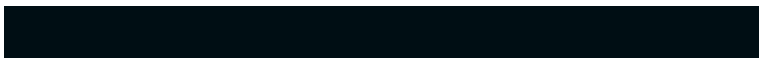
20.8585, 20.4883, 39.9016



7.5525, 8.1419, 9.5918



10.1881, 11.8364, 29.7232



0.2897, 0.3716, 0.7371

Inverse Universe

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



27.5293, 22.1483, 32.1034



47.0873, 35.3311, 54.5986



31.0969, 33.5417, 20.1652



7.7435, 7.6272, 8.9663



14.6431, 7.2659, 13.4639



0.3774, 0.1852, 0.4388

Previews

White Background



This preview shows how the XYZ color 24.8166, 28.4051, 41.2206 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 24.8166, 28.4051, 41.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

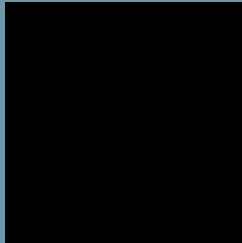
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

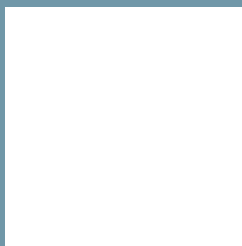
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8166, 28.4051, 41.2206

Background



This preview shows how black text looks on a background with the XYZ color 24.8166, 28.4051, 41.2206.



This preview shows how white text looks on a background with the XYZ color 24.8166, 28.4051,

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

24.8166, 28.4051, 41.2206

Protanopia

27.7394, 28.3416, 38.6588

Deuteranopia

28.8132, 28.1551, 41.9461



Tritanopia

24.4846, 28.5163, 39.3357

Trichromacy



Original Color

24.8166, 28.4051, 41.2206

Protanomaly

26.5853, 28.4093, 39.6797

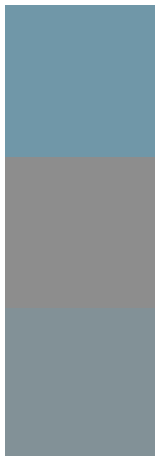
Deuteranomaly

27.1183, 28.1837, 41.5468

Tritanomaly

24.5753, 28.5526, 39.8133

Monochromacy



Original Color

24.8166, 28.4051, 41.2206

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9172, 27.2310, 33.2210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8166, 28.4051, 41.2206 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, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 168)  
}
```

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, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 168) }
```

Border

The CSS property to change the border of an element to XYZ 24.8166, 28.4051, 41.2206 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, 151, 168) }
```


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

```
.border{ border-color:rgb(112, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(112, 151,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8166, 28.4051, 41.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 151, 168) }
```

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

```
.background{ background-color: rgb(112,  
151, 168) }
```

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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