

Converting Colors

XYZ(24.1560, 26.7148, 38.6277)

Have a look what the booklet for
XYZ(24.1560, 26.7148, 38.6277)
contains.

XYZ(24.2075, 26.7467, 38.5371)	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(24.2075, 26.7467,
38.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	7691A3
RGB	118, 145, 163
RGB Percent	46%, 57%, 64%
CMY	0.5372, 0.4314, 0.3608
CMYK	0.28, 0.11, 0.00, 0.36
HSL	204°, 20%, 55%
HSV	204°, 28%, 64%
XYZ	24.2075, 26.7467, 38.5371
YIQ	138.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

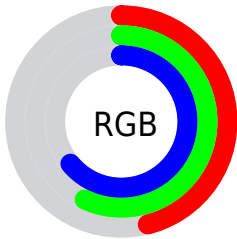
Format	Color
R_{YB}	118, 135, 163
Decimal	7770531
CIE Lab	58.74, -5.21, -12.61
CIE LCh	59, 13.646, 247.539
Yxy	26.7467, 0.2705, 0.2989
Android (android.graphics.Color)	4285960611 (0xFF7691A3)
YUV	138.9790, 11.8424, -18.3986
Hunter-Lab	51.7172, -6.9539, -7.9779

Details

The XYZ color **24.2075, 26.7467, 38.5371** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1788, 26.7031, 20.8620**, and the grayscale version is **24.4951, 25.7707, 28.0643**.

A 20% lighter version of the original color is **49.8729, 54.5667, 74.2335**, and **9.3453, 10.5611, 16.5849** is the 20% darker color. If you saturate the color by 10%, you get **21.2147, 23.7678, 38.1203**, and if you desaturate by 10%, it is **27.6416, 30.0394, 38.9921**.

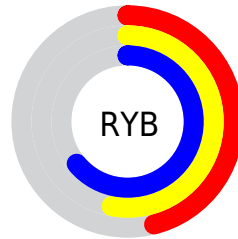
Distribution



Red (46%)

Green (57%)

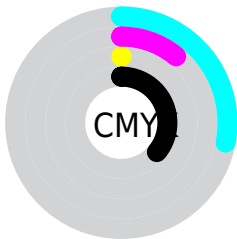
Blue (64%)



Red (46%)

Yellow (53%)

Blue (64%)

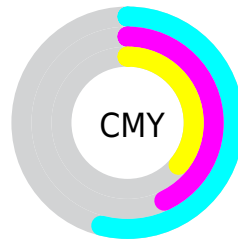


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2075, 26.7467, 38.5371 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 24.2075, 26.7467, 38.5371 by changing the saturation by 10% instead.

■ 24.2075, 26.7467,
38.5371

■ 24.2075, 26.7467,
38.5371

266.2889,
286.4286, 355.2854

■ 15.6132, 17.3831,
26.0948

■ 49.8208, 54.4771,
74.1432

■ 9.3400, 10.5080,
16.6681

■ 67.5705, 73.6127,
98.1440

■ 5.0225, 5.7371,
9.8387

■ 89.1027, 96.7745,
126.8346

■ 2.2953, 2.6859,
5.1879

114.7828,
124.3467, 160.6338

■ 0.7923, 0.9700,
2.2973

144.9761,
156.7138, 199.9599

■ 0.0000, 0.0000,
0.7297

180.0480,

■ 0.0000, 0.0000,

194.2602, 245.2315

0.0000

220.3638,
237.3704, 296.8672

■ 24.2075, 26.7467,
38.5371

■ 24.2075, 26.7467,
38.5371

■ 21.2147, 23.7678,
38.1203

■ 27.6416, 30.0394,
38.9921

■ 18.6402, 21.0873,
37.7386

■ 31.5338, 33.6538,
39.4846

■ 16.4624, 18.6933,
37.3913

■ 35.9029, 37.6016,
40.0163

■ 14.6566, 16.5716,
37.0770

■ 40.7659, 41.8930,
40.5884

■ 13.1951, 14.7065,
36.7940

■ 46.1388, 46.5375,
41.2016

■ 12.0458, 13.0797,
36.5405

■ 52.0371, 51.5442,
41.8572

■ 11.1564, 11.6627,
36.3139

■ 58.4754, 56.9221,
42.5559

■ 10.9604, 11.3434,
36.2626

■ 65.4679, 62.6795,
43.2986

■ 69.3676, 66.9376,
43.9150

Harmonies

Analogous

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



22.9453, 26.7467, 35.1316



24.2075, 26.7467, 38.5371



25.8481, 26.7467, 39.2916

Triad

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



24.2075, 26.7467, 38.5371



28.7610, 26.7467, 27.9256



23.5039, 26.7467, 22.3849

Complementary

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



24.2075, 26.7467, 38.5371



27.1788, 26.7031, 20.8620

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.



25.0005, 26.7467, 20.8795



24.2075, 26.7467, 38.5371



28.0707, 26.7467, 23.8412

Square

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



24.2075, 26.7467, 38.5371



28.5259, 26.7467, 32.8025



26.6763, 26.7467, 21.3817



22.5517, 26.7467, 25.7288

Rectangle

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



24.2075, 26.7467, 38.5371



26.9450, 26.7467, 38.1211



26.6763, 26.7467, 21.3817



23.9573, 26.7467, 21.6649

Sweetspot

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



24.2083, 26.7478, 38.5377



56.0745, 59.9045, 70.6634



24.9598, 31.8028, 27.8378



12.3561, 13.2356, 15.8410



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.2083, 26.7478, 38.5377



40.0427, 44.6318, 68.5604



21.1968, 20.7247, 37.5339



7.0373, 7.5335, 8.9863



8.5634, 8.9063, 28.1975



0.2243, 0.2759, 0.6073

Inverse Universe

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



26.6942, 22.7885, 29.7809



45.3165, 36.6820, 49.8824



30.5591, 33.4636, 21.9888



7.2438, 7.1540, 8.2702



13.4679, 6.7432, 9.6545



0.3054, 0.1507, 0.3209

Previews

White Background



This preview shows how the XYZ color 24.2075, 26.7467, 38.5371 looks on a white background.

Color Contrast Check

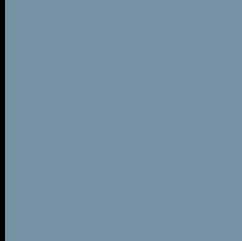
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2075, 26.7467, 38.5371 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

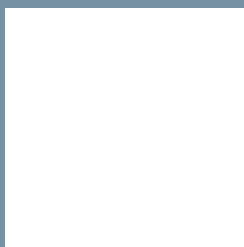
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2075, 26.7467, 38.5371

Background



This preview shows how black text looks on a background with the XYZ color 24.2075, 26.7467, 38.5371.



This preview shows how white text looks on a background with the XYZ color 24.2075, 26.7467,

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

24.2075, 26.7467, 38.5371

Protanopia

26.2045, 26.6975, 37.0297

Deuteranopia

27.2077, 26.7332, 39.3233



Tritanopia

23.7866, 26.8083, 36.2686

Trichromacy



Original Color

24.2075, 26.7467, 38.5371

Protanomaly

25.4661, 26.7445, 37.5382

Deuteranomaly

26.0572, 26.7984, 38.9212

Tritanomaly

23.9602, 26.8777, 37.1828

Monochromacy



Original Color

24.2075, 26.7467, 38.5371

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2302, 26.0132, 31.7609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2075, 26.7467, 38.5371 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(118, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(118, 145, 163)  
}
```

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(118, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 145, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.2075, 26.7467, 38.5371 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(118, 145, 163) }
```


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

```
.border{ border-color:rgb(118, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(118, 145,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2075, 26.7467, 38.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 145, 163) }
```

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

```
.background{ background-color: rgb(118,  
145, 163) }
```

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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