

Converting Colors

XYZ(24.3403, 29.4080, 20.0166)

Have a look what the booklet for
XYZ(24.3403, 29.4080, 20.0166)
contains.

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Color

**XYZ(24.3678, 29.3718,
20.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	869A71
RGB	134, 154, 113
RGB Percent	53%, 60%, 44%
CMY	0.4745, 0.3961, 0.5569
CMYK	0.13, 0.00, 0.27, 0.40
HSL	89°, 17%, 52%
HSV	89°, 27%, 60%
XYZ	24.3678, 29.3718, 20.0078
YIQ	143.3460, 1.2410, -16.9910

Conversions

Conversions Part 2

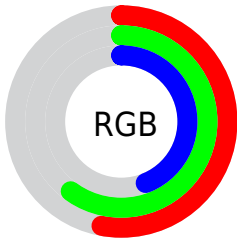
Format	Color
RYB	113, 154, 133
Decimal	8821361
CIELab	61.11, -14.73, 19.24
CIELCh	61, 24.231, 127.432
Yxy	29.3718, 0.3304, 0.3983
Android (android.graphics.Color)	4287011441 (0xFF869A71)
YUV	143.3460, -14.9606, -8.1964
Hunter-Lab	54.1958, -14.5844, 16.0486

Details

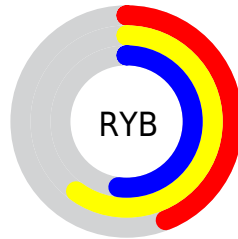
The XYZ color **24.3678, 29.3718, 20.0078** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4119, 19.1307, 33.1375**, and the grayscale version is **26.3051, 27.6750, 30.1380**.

A 20% lighter version of the original color is **50.0864, 58.5197, 44.2529**, and **9.4605, 11.9670, 6.8123** is the 20% darker color. If you saturate the color by 10%, you get **22.4183, 28.4595, 15.7684**, and if you desaturate by 10%, it is **26.5511, 30.3894, 25.0274**.

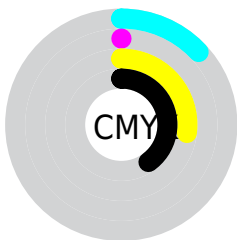
Distribution



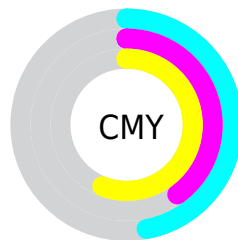
- Red (53%)
- Green (60%)
- Blue (44%)



- Red (44%)
- Yellow (60%)
- Blue (52%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3678, 29.3718, 20.0078 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 24.3678, 29.3718, 20.0078 by changing the saturation by 10% instead.

■ 24.3678, 29.3718,
20.0078

■ 24.3678, 29.3718,
20.0078

267.0808,
298.9652, 264.5630

■ 15.7329, 19.3623,
12.2166

■ 50.0801, 58.6673,
44.2894

■ 9.4250, 11.9323,
6.7670

■ 67.8881, 78.7220,
61.6169

■ 5.0787, 6.6976,
3.2406

■ 89.4846, 102.8939,
82.9602

■ 2.3288, 3.2737,
1.2188

■ 115.2348,
131.5675, 108.7378

■ 0.8093, 1.2763,
0.0000

145.5042,
165.1269, 139.3684

■ 0.0000, 0.1227,
0.0000

180.6581,

■ 0.0000, 0.0000,

203.9568, 175.2704

0.0000

221.0619,
248.4414, 216.8624

■ 24.3678, 29.3718,
20.0078

■ 24.3678, 29.3718,
20.0078

■ 22.4183, 28.4595,
15.7684

■ 26.5511, 30.3894,
25.0274

■ 20.6911, 27.6448,
12.2682

■ 28.9745, 31.5121,
30.8617

■ 19.1771, 26.9248,
9.4651

■ 31.6468, 32.7445,
37.5455

■ 17.8656, 26.2949,
7.3122

■ 34.5759, 34.0901,
45.1110

■ 16.7445, 25.7503,
5.7568

■ 37.7690, 35.5519,
53.5886

■ 15.8003, 25.2851,
4.7379

■ 41.2331, 37.1328,
63.0075

■ 15.0132, 24.8913,
4.1625

■ 44.9751, 38.8358,
73.3954

■ 14.7701, 24.7692,
4.0025

■ 49.0013, 40.6636,
84.7789

■ 53.3182, 42.6190,
97.1835

Harmonies

Analogous

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



27.1347, 29.3718, 17.5861



24.3678, 29.3718, 20.0078



22.6498, 29.3718, 25.7283

Triad

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



24.3678, 29.3718, 20.0078



25.6386, 29.3718, 50.9988



34.4198, 29.3718, 29.7720

Complementary

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



24.3678, 29.3718, 20.0078



21.4119, 19.1307, 33.1375

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.



33.9434, 29.3718, 39.1724



24.3678, 29.3718, 20.0078



28.7142, 29.3718, 52.6434

Square

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



24.3678, 29.3718, 20.0078



23.3438, 29.3718, 43.8306



31.7951, 29.3718, 47.9734



33.0517, 29.3718, 22.4862

Rectangle

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



24.3678, 29.3718, 20.0078



22.2507, 29.3718, 31.2037



31.7951, 29.3718, 47.9734



34.4718, 29.3718, 32.7709

Sweetspot

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



24.3686, 29.3731, 20.0084



51.9265, 56.9152, 54.3329



24.6706, 24.7883, 19.1076



11.6067, 12.8147, 11.9412



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3686, 29.3731, 20.0084



42.0839, 52.3354, 31.5453



21.4354, 27.8610, 19.8712



6.4187, 7.0733, 6.6328



12.0744, 20.2005, 3.2627



0.2225, 0.3236, 0.0507

Inverse Universe

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



21.4119, 19.1307, 33.1375



35.7805, 30.4982, 59.5372



24.9357, 20.9473, 33.3024



6.1570, 6.1668, 7.7948



7.1654, 3.1450, 25.1371



0.1489, 0.0686, 0.3778

Previews

White Background



This preview shows how the XYZ color 24.3678, 29.3718, 20.0078 looks on a white background.

Color Contrast Check

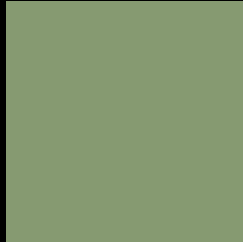
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3678, 29.3718, 20.0078 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 24.3678, 29.3718, 20.0078

Background



This preview shows how black text looks on a background with the XYZ color 24.3678, 29.3718, 20.0078.



This preview shows how white text looks on a background with the XYZ color 24.3678, 29.3718,

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

24.3678, 29.3718, 20.0078

Protanopia

27.3487, 29.2623, 18.9586

Deuteranopia

29.6905, 29.0814, 20.5714



Tritanopia

27.9196, 29.3806, 37.4572

Trichromacy



Original Color

24.3678, 29.3718, 20.0078

Protanomaly

26.1700, 29.3500, 19.3247

Deuteranomaly

27.4739, 29.0647, 20.3817

Tritanomaly

26.3455, 29.1991, 30.2340

Monochromacy



Original Color

24.3678, 29.3718, 20.0078

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4138, 28.1088, 25.9159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3678, 29.3718, 20.0078 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(134, 154, 113)` looks like.

```
.text, #text, p{  
    color:rgb(134, 154, 113)  
}
```

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(134, 154, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 154, 113) }
```

Border

The CSS property to change the border of an element to XYZ 24.3678, 29.3718, 20.0078 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(134, 154, 113) }
```


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

```
.border{ border-color:rgb(134, 154, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 154, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 154, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 154, 113);  
box-shadow:4px 4px 4px 4px rgb(134, 154,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3678, 29.3718, 20.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 154, 113) }
```

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

```
.background{ background-color: rgb(134,  
154, 113) }
```

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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