

Converting Colors

XYZ(24.0368, 29.1552, 22.3125)

Have a look what the booklet for
XYZ(24.0368, 29.1552, 22.3125)
contains.

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Color

**XYZ(24.0601, 29.1588,
22.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	819A79
RGB	129, 154, 121
RGB Percent	51%, 60%, 47%
CMY	0.4941, 0.3961, 0.5255
CMYK	0.16, 0.00, 0.21, 0.40
HSL	105°, 14%, 54%
HSV	105°, 21%, 60%
XYZ	24.0601, 29.1588, 22.4493
YIQ	142.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

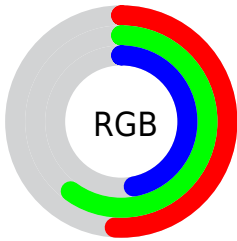
Format	Color
R_{YB}	121, 154, 146
Decimal	8493689
CIE _{Lab}	60.92, -15.27, 14.47
CIE _{LCh}	61, 21.034, 136.531
Yxy	29.1588, 0.3180, 0.3854
Android (android.graphics.Color)	4286683769 (0xFF819A79)
YUV	142.7630, -10.7292, -12.0702
Hunter-Lab	53.9989, -14.9644, 13.1502

Details

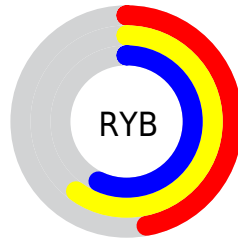
The XYZ color **24.0601, 29.1588, 22.4493** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.5253, 22.1196, 33.5502**, and the grayscale version is **26.0572, 27.4142, 29.8541**.

A 20% lighter version of the original color is **49.3901, 58.0740, 48.1414**, and **9.2444, 11.8306, 7.9272** is the 20% darker color. If you saturate the color by 10%, you get **21.5180, 27.9497, 17.7879**, and if you desaturate by 10%, it is **26.9569, 30.5350, 27.9156**.

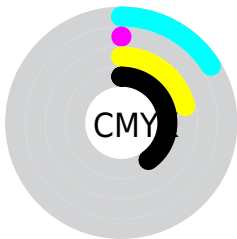
Distribution



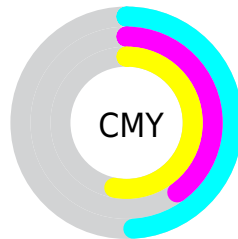
- Red (51%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (57%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0601, 29.1588, 22.4493 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 24.0601, 29.1588, 22.4493 by changing the saturation by 10% instead.

■ 24.0601, 29.1588,
22.4493

■ 24.0601, 29.1588,
22.4493

265.5590,
297.9635, 277.9134

■ 15.5032, 19.2010,
13.9859

■ 49.5822, 58.3293,
48.3992

■ 9.2619, 11.8156,
7.9723

■ 67.2781, 78.3108,
66.7227

■ 4.9709, 6.6182,
3.9897

■ 88.7511, 102.4022,
89.1701

■ 2.2648, 3.2245,
1.6197

114.3665,
130.9881, 116.1599

■ 0.7765, 1.2500,
0.3048

144.4896,
164.4528, 148.1106

■ 0.0000, 0.1020,
0.0000

179.4858,

■ 0.0000, 0.0000,

203.1806, 185.4407

0.0000

219.7205,
247.5561, 228.5688

■ 24.0601, 29.1588,
22.4493

■ 24.0601, 29.1588,
22.4493

■ 21.5180, 27.9497,
17.7879

■ 26.9569, 30.5350,
27.9156

■ 19.3145, 26.8977,
13.8915

■ 30.2193, 32.0807,
34.2203

■ 17.4354, 25.9972,
10.7199

■ 33.8604, 33.8027,
41.3974

■ 15.8646, 25.2410,
8.2281

■ 37.8921, 35.7064,
49.4782

■ 14.5848, 24.6211,
6.3665

■ 42.3258, 37.7971,
58.4928

■ 13.5765, 24.1288,
5.0784

■ 47.1722, 40.0797,
68.4696

■ 12.8177, 23.7541,
4.2970

■ 52.4418, 42.5590,
79.4360

■ 12.3310, 23.5118,
3.8883

■ 58.1446, 45.2397,
91.4182

■ 63.5401, 47.8259,
100.4901

Harmonies

Analogous

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



26.2407, 29.1588, 19.3576



24.0601, 29.1588, 22.4493



22.8950, 29.1588, 28.3589

Triad

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



24.0601, 29.1588, 22.4493



26.5041, 29.1588, 48.8218



33.0849, 29.1588, 27.6419

Complementary

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



24.0601, 29.1588, 22.4493



24.5253, 22.1196, 33.5502

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.



33.1670, 29.1588, 35.3990



24.0601, 29.1588, 22.4493



29.2426, 29.1588, 48.5440

Square

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



24.0601, 29.1588, 22.4493



24.2419, 29.1588, 44.0224



31.7215, 29.1588, 43.3165



31.5039, 29.1588, 21.9993

Rectangle

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



24.0601, 29.1588, 22.4493



22.7976, 29.1588, 33.4983



31.7215, 29.1588, 43.3165



33.2921, 29.1588, 30.0616

Sweetspot

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



24.0609, 29.1601, 22.4499



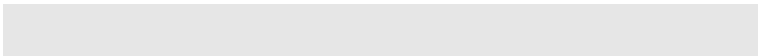
52.0289, 56.9181, 56.5950



27.0192, 28.7325, 22.2115



11.6968, 12.8454, 12.6561



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.



24.0609, 29.1601, 22.4499



41.2758, 51.8129, 36.2898



23.4207, 28.7691, 25.1754



6.2655, 6.9943, 6.6257



10.0742, 19.1693, 3.1691



0.1794, 0.3014, 0.0487

Inverse Universe

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



24.5253, 22.1196, 33.5502



42.2799, 36.5436, 60.3615



25.3337, 22.6131, 30.1230



6.3149, 6.2482, 7.8022



10.7261, 4.9806, 25.3037



0.1920, 0.0907, 0.3798

Previews

White Background



This preview shows how the XYZ color 24.0601, 29.1588, 22.4493 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 24.0601, 29.1588, 22.4493 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 24.0601, 29.1588, 22.4493

Background



This preview shows how black text looks on a background with the XYZ color 24.0601, 29.1588, 22.4493.



This preview shows how white text looks on a background with the XYZ color 24.0601, 29.1588,

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

24.0601, 29.1588, 22.4493

Protanopia

27.2001, 28.9100, 20.9762

Deuteranopia

29.5252, 28.9400, 23.0986



Tritanopia

27.0843, 29.1839, 37.4633

Trichromacy



Original Color

24.0601, 29.1588, 22.4493

Protanomaly

25.8715, 28.9139, 21.3569

Deuteranomaly

27.1805, 28.8579, 22.8765

Tritanomaly

25.9278, 29.1951, 31.4628

Monochromacy



Original Color

24.0601, 29.1588, 22.4493

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2881, 28.0200, 26.9972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0601, 29.1588, 22.4493 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(129, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 121)  
}
```

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(129, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.0601, 29.1588, 22.4493 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(129, 154, 121) }
```


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

```
.border{ border-color:rgb(129, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 154, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 154, 121); box-shadow:4px 4px 4px 4px rgb(129, 154, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0601, 29.1588, 22.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 121) }
```

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

```
.background{ background-color: rgb(129,  
154, 121) }
```

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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