

Converting Colors

XYZ(24.5714, 29.8876, 20.2754)

Have a look what the booklet for
XYZ(24.5714, 29.8876, 20.2754)
contains.

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Color

**XYZ(24.5986, 29.9784,
20.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	859C72
RGB	133, 156, 114
RGB Percent	52%, 61%, 45%
CMY	0.4784, 0.3882, 0.5529
CMYK	0.15, 0.00, 0.27, 0.39
HSL	93°, 18%, 53%
HSV	93°, 27%, 61%
XYZ	24.5986, 29.9784, 20.4095
YIQ	144.3350, -0.2260, -17.9380

Conversions

Conversions Part 2

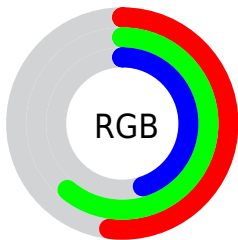
Format	Color
RYB	114, 156, 137
Decimal	8756338
CIELab	61.64, -16.00, 19.39
CIELCh	62, 25.143, 129.523
Yxy	29.9784, 0.3280, 0.3998
Android (android.graphics.Color)	4286946418 (0xFF859C72)
YUV	144.3350, -14.9552, -9.9408
Hunter-Lab	54.7525, -15.6225, 16.2259

Details

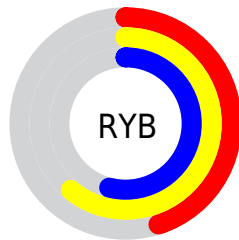
The XYZ color **24.5986, 29.9784, 20.4095** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.3358, 19.7541, 34.0898**, and the grayscale version is **26.7036, 28.0942, 30.5946**.

A 20% lighter version of the original color is **50.6707, 59.9065, 44.9689**, and **9.6022, 12.3355, 7.0292** is the 20% darker color. If you saturate the color by 10%, you get **22.4910, 28.9868, 16.0644**, and if you desaturate by 10%, it is **26.9690, 31.0898, 25.5587**.

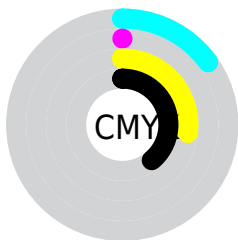
Distribution



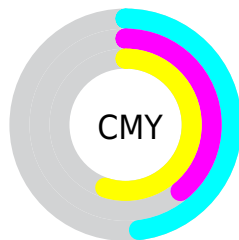
- Red (52%)
- Green (61%)
- Blue (45%)



- Red (45%)
- Yellow (61%)
- Blue (54%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5986, 29.9784, 20.4095 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 24.5986, 29.9784, 20.4095 by changing the saturation by 10% instead.

■ 24.5986, 29.9784,
20.4095

■ 24.5986, 29.9784,
20.4095

268.2177,
301.8038, 266.8006

■ 15.9054, 19.8222,
12.5060

■ 50.4529, 59.6280,
44.9706

■ 9.5476, 12.2659,
6.9626

■ 68.3447, 79.8902,
62.4654

■ 5.1600, 6.9250,
3.3606

■ 90.0333, 104.2899,
83.9943

■ 2.3772, 3.4152,
1.2816

■ 115.8843,
133.2114, 109.9760

■ 0.8337, 1.3522,
0.0466

146.2628,
167.0391, 140.8289

■ 0.0000, 0.1811,
0.0000

181.5343,

■ 0.0000, 0.0000,

206.1575, 176.9716

0.0000

222.0642,
250.9509, 218.8227

■ 24.5986, 29.9784,
20.4095

■ 24.5986, 29.9784,
20.4095

■ 22.4910, 28.9868,
16.0644

■ 26.9690, 31.0898,
25.5587

■ 20.6336, 28.1067,
12.4809

■ 29.6094, 32.3211,
31.5479

■ 19.0161, 27.3346,
9.6156

■ 32.5299, 33.6778,
38.4129

■ 17.6265, 26.6653,
7.4197

■ 35.7390, 35.1634,
46.1872

■ 16.4514, 26.0934,
5.8385

■ 39.2450, 36.7815,
54.9022

■ 15.4759, 25.6122,
4.8086

■ 43.0558, 38.5356,
64.5880

■ 14.6778, 25.2128,
4.2308

■ 47.1791, 40.4290,
75.2733

■ 14.4559, 25.1014,
4.0832

■ 51.6220, 42.4648,
86.9857

■ 56.3917, 44.6461,
99.7515

Harmonies

Analogous

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



27.4441, 29.9784, 17.6540



24.5986, 29.9784, 20.4095



22.8904, 29.9784, 26.6203

Triad

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



24.5986, 29.9784, 20.4095



26.3053, 29.9784, 53.0831



35.3086, 29.9784, 29.6917

Complementary

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



24.5986, 29.9784, 20.4095



22.3358, 19.7541, 34.0898

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.



34.9438, 29.9784, 39.5081



24.5986, 29.9784, 20.4095



29.5694, 29.9784, 54.3497

Square

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



24.5986, 29.9784, 20.4095



23.8210, 29.9784, 45.8021



32.7794, 29.9784, 48.9848



33.7404, 29.9784, 22.2792

Rectangle

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



24.5986, 29.9784, 20.4095



22.5416, 29.9784, 32.4886



32.7794, 29.9784, 48.9848



35.4106, 29.9784, 32.7946

Sweetspot

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



24.5994, 29.9797, 20.4102



53.1572, 58.4132, 55.8695



25.6093, 26.0052, 19.5898



11.5419, 12.7813, 11.9381



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.



24.5994, 29.9797, 20.4102



42.4340, 53.3938, 32.3885



21.9464, 28.6028, 20.7052



6.8214, 7.5406, 7.0816



11.9456, 20.6949, 3.3649



0.2617, 0.3948, 0.0624

Inverse Universe

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



22.3358, 19.7541, 34.0898



37.6520, 31.7968, 61.2797



25.6116, 21.4565, 33.6277



6.6145, 6.6052, 8.3330



8.1016, 3.6056, 26.1762



0.1933, 0.0894, 0.4703

Previews

White Background



This preview shows how the XYZ color 24.5986, 29.9784, 20.4095 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 24.5986, 29.9784, 20.4095 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 ✓ Pass

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

XYZ 24.5986, 29.9784, 20.4095

Background



This preview shows how black text looks on a background with the XYZ color 24.5986, 29.9784, 20.4095.



This preview shows how white text looks on a background with the XYZ color 24.5986, 29.9784,

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

24.5986, 29.9784, 20.4095

Protanopia

27.7572, 29.6984, 19.3083

Deuteranopia

30.4889, 29.9279, 20.9994



Tritanopia

28.2432, 29.9968, 38.4838

Trichromacy



Original Color

24.5986, 29.9784, 20.4095

Protanomaly

26.5689, 29.7871, 19.6784

Deuteranomaly

28.0404, 29.8117, 20.7993

Tritanomaly

26.6556, 29.8192, 31.1388

Monochromacy



Original Color

24.5986, 29.9784, 20.4095

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6388, 28.4487, 26.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5986, 29.9784, 20.4095 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(133, 156, 114)` looks like.

```
.text, #text, p{  
    color:rgb(133, 156, 114)  
}
```

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(133, 156, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 156, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.5986, 29.9784, 20.4095 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(133, 156, 114) }
```


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

```
.border{ border-color:rgb(133, 156, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 156, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 156, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 156, 114);  
box-shadow:4px 4px 4px 4px rgb(133, 156,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5986, 29.9784, 20.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 156, 114) }
```

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

```
.background{ background-color: rgb(133,  
156, 114) }
```

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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