

Converting Colors

XYZ(24.9982, 29.9509, 20.2927)

Have a look what the booklet for
XYZ(24.9982, 29.9509, 20.2927)
contains.

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Color

**XYZ(25.0751, 29.9760,
20.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	899B72
RGB	137, 155, 114
RGB Percent	54%, 61%, 45%
CMY	0.4627, 0.3921, 0.5529
CMYK	0.12, 0.00, 0.26, 0.39
HSL	86°, 17%, 53%
HSV	86°, 26%, 61%
XYZ	25.0751, 29.9760, 20.3839
YIQ	144.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

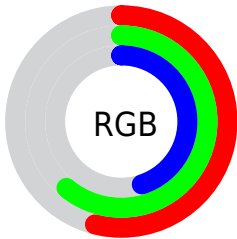
Format	Color
RYB	114, 155, 132
Decimal	9018226
CIELab	61.63, -13.95, 19.44
CIElCh	62, 23.925, 125.660
Yxy	29.9760, 0.3324, 0.3974
Android (android.graphics.Color)	4287208306 (0xFF899B72)
YUV	144.9440, -15.2554, -6.9669
Hunter-Lab	54.7503, -14.0619, 16.2512

Details

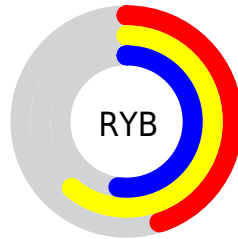
The XYZ color **25.0751, 29.9760, 20.3839** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4507, 19.3076, 33.6082**, and the grayscale version is **26.9509, 28.3544, 30.8780**.

A 20% lighter version of the original color is **51.1693, 59.4305, 44.8507**, and **9.8642, 12.3202, 7.0124** is the 20% darker color. If you saturate the color by 10%, you get **23.1860, 29.0965, 16.0738**, and if you desaturate by 10%, it is **27.1857, 30.9542, 25.4861**.

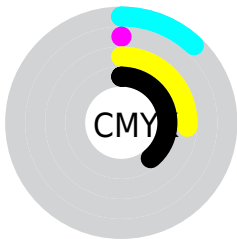
Distribution



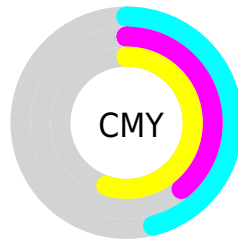
- Red (54%)
- Green (61%)
- Blue (45%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (46%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0751, 29.9760, 20.3839 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 25.0751, 29.9760, 20.3839 by changing the saturation by 10% instead.

■ 25.0751, 29.9760,
20.3839

■ 25.0751, 29.9760,
20.3839

270.5525,
301.7926, 266.6585

■ 16.2620, 19.8204,
12.4876

■ 51.2210, 59.6242,
44.9273

■ 9.8018, 12.2645,
6.9501

■ 69.2846, 79.8856,
62.4114

■ 5.3290, 6.9241,
3.3529

■ 91.1625, 104.2844,
83.9286

■ 2.4783, 3.4147,
1.2775

■ 117.2199,
133.2049, 109.8973

■ 0.8843, 1.3519,
0.0433

147.8222,
167.0316, 140.7361

■ 0.0000, 0.1808,
0.0000

183.3349,

■ 0.0000, 0.0000,

206.1488, 176.8636

0.0000

224.1232,
250.9410, 218.6982

■ 25.0751, 29.9760,
20.3839

■ 25.0751, 29.9760,
20.3839

■ 23.1860, 29.0965,
16.0738

■ 27.1857, 30.9542,
25.4861

■ 21.5073, 28.3082,
12.5142

■ 29.5236, 32.0307,
31.4154

■ 20.0302, 27.6083,
9.6624

■ 32.0976, 33.2099,
38.2071

■ 18.7444, 26.9926,
7.4709

■ 34.9150, 34.4951,
45.8938

■ 17.6382, 26.4562,
5.8863

■ 37.9827, 35.8891,
54.5065

■ 16.6984, 25.9938,
4.8466

■ 41.3076, 37.3948,
64.0746

■ 15.9063, 25.5976,
4.2604

■ 44.8960, 39.0149,
74.6264

■ 15.6472, 25.4675,
4.0910

■ 48.7542, 40.7520,
86.1887

■ 52.8881, 42.6085,
98.7875

Harmonies

Analogous

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



27.8928, 29.9760, 18.1365



25.0751, 29.9760, 20.3839



23.2782, 29.9760, 25.9438

Triad

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



25.0751, 29.9760, 20.3839



26.0461, 29.9760, 51.3228



35.0155, 29.9760, 30.9429

Complementary

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



25.0751, 29.9760, 20.3839



21.4507, 19.3076, 33.6082

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.



34.4298, 29.9760, 40.3966



25.0751, 29.9760, 20.3839



29.0983, 29.9760, 53.3367

Square

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



25.0751, 29.9760, 20.3839



23.8089, 29.9760, 43.9419



32.2045, 29.9760, 49.0239



33.7505, 29.9760, 23.4619

Rectangle

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



25.0751, 29.9760, 20.3839



22.8218, 29.9760, 31.3322



32.2045, 29.9760, 49.0239



35.0296, 29.9760, 33.9812

Sweetspot

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



25.0759, 29.9773, 20.3845



52.1281, 57.0191, 54.3424



24.7757, 24.6239, 19.3671



11.6599, 12.8421, 11.9437



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.



25.0759, 29.9773, 20.3845



42.7716, 52.6899, 31.5775



22.0599, 28.4225, 20.2434



6.4469, 7.0878, 6.6341



12.6115, 20.4774, 3.2878



0.2303, 0.3276, 0.0511

Inverse Universe

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



21.4507, 19.3076, 33.6082



35.1171, 30.1562, 59.5062



24.9338, 21.1031, 33.7712



6.1290, 6.1524, 7.7935



6.7126, 2.9115, 25.1159



0.1411, 0.0645, 0.3774

Previews

White Background



This preview shows how the XYZ color 25.0751, 29.9760, 20.3839 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 25.0751, 29.9760, 20.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

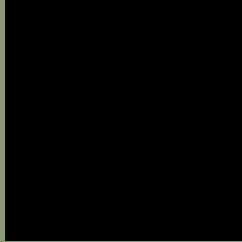
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0751, 29.9760, 20.3839

Background



This preview shows how black text looks on a background with the XYZ color 25.0751, 29.9760, 20.3839.



This preview shows how white text looks on a background with the XYZ color 25.0751, 29.9760,

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

25.0751, 29.9760, 20.3839

Protanopia

27.7572, 29.6984, 19.3083

Deuteranopia

30.4889, 29.9279, 20.9994



Tritanopia

28.6821, 29.9974, 37.9966

Trichromacy



Original Color

25.0751, 29.9760, 20.3839

Protanomaly

26.7537, 29.8824, 19.6870

Deuteranomaly

28.2840, 29.7055, 20.7660

Tritanomaly

27.0852, 29.8096, 30.7118

Monochromacy



Original Color

25.0751, 29.9760, 20.3839

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2059, 28.9669, 26.7642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0751, 29.9760, 20.3839 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(137, 155, 114)` looks like.

```
.text, #text, p{  
    color:rgb(137, 155, 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(137, 155, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 155, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.0751, 29.9760, 20.3839 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(137, 155, 114) }
```


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

```
.border{ border-color:rgb(137, 155, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 155, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 155, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 155, 114);  
box-shadow:4px 4px 4px 4px rgb(137, 155,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0751, 29.9760, 20.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 155, 114) }
```

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

```
.background{ background-color: rgb(137,  
155, 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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