

Converting Colors

XYZ(25.7119, 29.8838, 23.0958)

Have a look what the booklet for
XYZ(25.7119, 29.8838, 23.0958)
contains.

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Color

**XYZ(25.7782, 30.0302,
23.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9A7B
RGB	139, 154, 123
RGB Percent	55%, 60%, 48%
CMY	0.4549, 0.3961, 0.5176
CMYK	0.10, 0.00, 0.20, 0.40
HSL	89°, 13%, 54%
HSV	89°, 20%, 60%
XYZ	25.7782, 30.0302, 23.1766
YIQ	145.9810, 1.0110, -12.8210

Conversions

Conversions Part 2

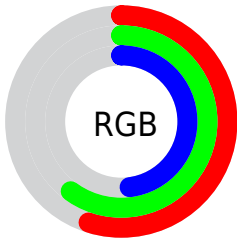
Format	Color
RYB	123, 154, 138
Decimal	9149051
CIELab	61.68, -11.18, 14.52
CIElCh	62, 18.322, 127.601
Yxy	30.0302, 0.3264, 0.3802
Android (android.graphics.Color)	4287339131 (0xFF8B9A7B)
YUV	145.9810, -11.3296, -6.1223
Hunter-Lab	54.7998, -11.9321, 13.2842

Details

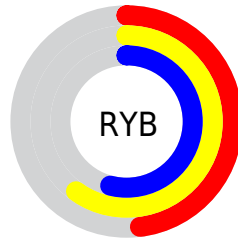
The XYZ color **25.7782, 30.0302, 23.1766** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3981, 21.9031, 33.5679**, and the grayscale version is **27.3592, 28.7840, 31.3457**.

A 20% lighter version of the original color is **52.3847, 59.5838, 49.8142**, and **10.2061, 12.3188, 8.3184** is the 20% darker color. If you saturate the color by 10%, you get **23.6870, 29.0558, 18.4361**, and if you desaturate by 10%, it is **28.1076, 31.1116, 28.7212**.

Distribution



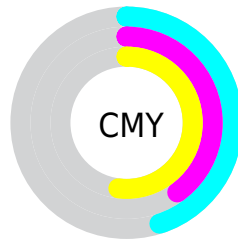
- Red (55%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (54%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7782, 30.0302, 23.1766 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 25.7782, 30.0302, 23.1766 by changing the saturation by 10% instead.

■ 25.7782, 30.0302,
23.1766

■ 25.7782, 30.0302,
23.1766

273.9683,
302.0452, 281.7820

■ 16.7896, 19.8615,
14.5174

■ 52.3508, 59.7099,
49.6100

■ 10.1790, 12.2944,
8.3386

■ 70.6654, 79.9898,
68.2213

■ 5.5810, 6.9445,
4.2215

■ 92.8195, 104.4088,
90.9871

■ 2.6302, 3.4274,
1.7476

119.1783,
133.3514, 118.3259

■ 0.9614, 1.3587,
0.3931

150.1073,
167.2019, 150.6563

■ 0.0000, 0.1860,
0.0000

185.9717,

■ 0.0000, 0.0000,

206.3448, 188.3967

0.0000

227.1369,
251.1644, 231.9658

■ 25.7782, 30.0302,
23.1766

■ 25.7782, 30.0302,
23.1766

■ 23.6870, 29.0558,
18.4361

■ 28.1076, 31.1116,
28.7212

■ 21.8227, 28.1808,
14.4605

■ 30.6810, 32.2997,
35.1028

■ 20.1769, 27.4026,
11.2100

■ 33.5070, 33.5990,
42.3550

■ 18.7394, 26.7169,
8.6408

■ 36.5930, 35.0126,
50.5088

■ 17.4991, 26.1191,
6.7039

■ 39.9461, 36.5436,
59.5936

■ 16.4436, 25.6040,
5.3442

■ 43.5732, 38.1948,
69.6378

■ 15.5587, 25.1656,
4.4968

■ 47.4808, 39.9692,
80.6684

■ 14.8205, 24.7952,
4.0048

■ 51.6751, 41.8692,
92.7111

■ 55.0805, 43.4649,
100.0942

Harmonies

Analogous

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



27.9275, 30.0302, 21.1185



25.7782, 30.0302, 23.1766



24.4261, 30.0302, 27.8462

Triad

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



25.7782, 30.0302, 23.1766



26.7943, 30.0302, 46.7401



33.4438, 30.0302, 30.9547

Complementary

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



25.7782, 30.0302, 23.1766



23.3981, 21.9031, 33.5679

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.



33.0978, 30.0302, 38.0825



25.7782, 30.0302, 23.1766



29.1671, 30.0302, 47.8845

Square

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



25.7782, 30.0302, 23.1766



24.9891, 30.0302, 41.5882



31.4983, 30.0302, 44.5237



32.4184, 30.0302, 25.1743

Rectangle

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



25.7782, 30.0302, 23.1766



24.1125, 30.0302, 32.1393



31.4983, 30.0302, 44.5237



33.4850, 30.0302, 33.2627

Sweetspot

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



25.7790, 30.0315, 23.1773



52.8777, 57.3556, 56.6347



25.9888, 26.4733, 22.4794



11.9066, 12.9535, 12.6659



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.



25.7790, 30.0315, 23.1773



45.1222, 53.7579, 38.1793



23.3741, 28.7917, 23.0647



6.4209, 7.0744, 6.6329



12.1155, 20.2216, 3.2646



0.2231, 0.3240, 0.0508

Inverse Universe

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



23.3981, 21.9031, 33.5679



40.0211, 36.3425, 60.4418



26.1451, 23.3192, 33.6965



6.1547, 6.1656, 7.7947



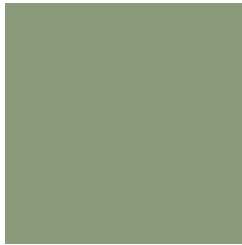
7.1270, 3.1251, 25.1353



0.1483, 0.0682, 0.3777

Previews

White Background



This preview shows how the XYZ color 25.7782, 30.0302, 23.1766 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 25.7782, 30.0302, 23.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

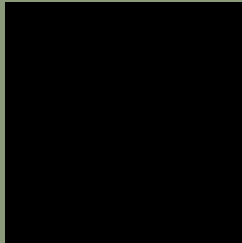
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

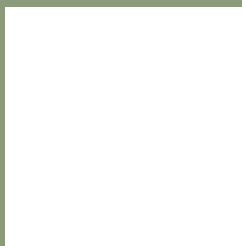
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7782, 30.0302, 23.1766

Background



This preview shows how black text looks on a background with the XYZ color 25.7782, 30.0302, 23.1766.



This preview shows how white text looks on a background with the XYZ color 25.7782, 30.0302,

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

25.7782, 30.0302, 23.1766

Protanopia

28.0806, 29.8050, 22.0422

Deuteranopia

30.3187, 29.7835, 23.5529



Tritanopia

28.8575, 30.0878, 38.0048

Trichromacy



Original Color

25.7782, 30.0302, 23.1766

Protanomaly

27.1200, 29.7725, 22.4064

Deuteranomaly

28.3699, 29.6936, 23.3050

Tritanomaly

27.6608, 30.0794, 31.9518

Monochromacy



Original Color

25.7782, 30.0302, 23.1766

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.6626, 29.1695, 28.2698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7782, 30.0302, 23.1766 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(139, 154, 123)` looks like.

```
.text, #text, p{  
    color:rgb(139, 154, 123)  
}
```

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(139, 154, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 154, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.7782, 30.0302, 23.1766 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(139, 154, 123) }
```


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

```
.border{ border-color:rgb(139, 154, 123) }
```

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

Here you see how a box with a 4 pixel rgb(139, 154, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 154, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 154, 123);  
box-shadow:4px 4px 4px 4px rgb(139, 154,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7782, 30.0302, 23.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 154, 123) }
```

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

```
.background{ background-color: rgb(139,  
154, 123) }
```

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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