

Converting Colors

XYZ(25.0874, 29.6122, 8.7510)

Have a look what the booklet for
XYZ(25.0874, 29.6122, 8.7510)
contains.

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Color

**XYZ(25.0194, 29.4688,
8.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	98983D
RGB	152, 152, 61
RGB Percent	60%, 60%, 24%
CMY	0.4039, 0.4039, 0.7608
CMYK	0.00, 0.00, 0.60, 0.40
HSL	60°, 43%, 42%
HSV	60°, 60%, 60%
XYZ	25.0194, 29.4688, 8.7843
YIQ	141.6260, 29.2110, -28.3010

Conversions

Conversions Part 2

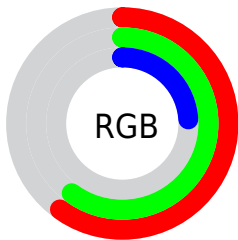
Format	Color
RYB	61, 152, 61
Decimal	10000445
CIELab	61.19, -12.29, 46.67
CIELCh	61, 48.262, 104.749
Yxy	29.4688, 0.3954, 0.4657
Android (android.graphics.Color)	4288190525 (0xFF98983D)
YUV	141.6260, -39.7486, 9.0980
Hunter-Lab	54.2852, -12.7305, 28.4055

Details

The XYZ color **25.0194, 29.4688, 8.7843** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.2617, 6.5973, 30.4929**, and the grayscale version is **25.7079, 27.0467, 29.4539**.

A 20% lighter version of the original color is **51.0084, 58.7224, 23.9754**, and **9.7126, 11.9128, 1.9024** is the 20% darker color. If you saturate the color by 10%, you get **24.6668, 29.3288, 6.9254**, and if you desaturate by 10%, it is **25.4895, 29.6579, 11.2557**.

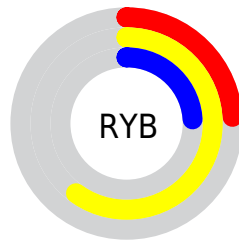
Distribution



Red (60%)

Green (60%)

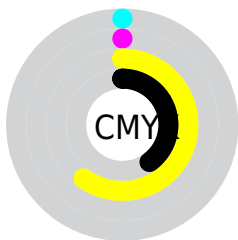
Blue (24%)



Red (24%)

Yellow (60%)

Blue (24%)

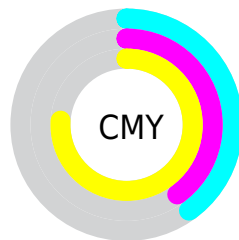


Cyan (0%)

Magenta (0%)

Yellow (60%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0194, 29.4688, 8.7843 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 25.0194, 29.4688, 8.7843 by changing the saturation by 10% instead.

■ 25.0194, 29.4688,
8.7843

■ 25.0194, 29.4688,
8.7843

270.2804,
299.4205, 191.9190

■ 16.2203, 19.4357,
4.5059

■ 51.1314, 58.8211,
24.0533

■ 9.7720, 11.9856,
1.9068

■ 69.1749, 78.9091,
35.8809

■ 5.3092, 6.7338,
0.4970

■ 91.0307, 103.1176,
51.0621

■ 2.4664, 3.2962,
0.0000

■ 117.0641,
131.8309, 70.0152

■ 0.8783, 1.2883,
0.0000

■ 147.6404,
165.4335, 93.1590

■ 0.0000, 0.1321,
0.0000

■ 183.1250,

■ 0.0000, 0.0000,

204.3097, 120.9118

0.0000

223.8832,
248.8439, 153.6923

■ 25.0194, 29.4688,
8.7843

■ 25.0194, 29.4688,
8.7843

■ 24.6668, 29.3288,
6.9254

■ 25.4895, 29.6579,
11.2557

■ 24.4195, 29.2299,
5.6239

■ 26.0838, 29.8957,
14.3848

■ 24.2664, 29.1686,
4.8182

■ 26.8112, 30.1867,
18.2145

■ 24.1782, 29.1333,
4.3547

■ 27.6791, 30.5338,
22.7837

■ 24.1771, 29.1329,
4.3489

■ 28.6942, 30.9399,
28.1285

■ 29.8630, 31.4074,
34.2824

■ 31.1914, 31.9388,
41.2771

■ 32.6853, 32.5364,
49.1427

■ 34.3499, 33.2022,
57.9076

Harmonies

Analogous

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



31.3391, 29.4688, 8.8177



25.0194, 29.4688, 8.7843



20.2750, 29.4688, 13.1326

Triad

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



25.0194, 29.4688, 8.7843



20.2143, 29.4688, 63.4680



41.4905, 29.4688, 42.1720

Complementary

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



25.0194, 29.4688, 8.7843



9.2617, 6.5973, 30.4929

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.



37.4958, 29.4688, 63.8090



25.0194, 29.4688, 8.7843



24.9240, 29.4688, 78.9193

Square

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



25.0194, 29.4688, 8.7843



17.7986, 29.4688, 41.8189



31.2282, 29.4688, 79.0635



41.5264, 29.4688, 23.9950

Rectangle

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



25.0194, 29.4688, 8.7843



18.3685, 29.4688, 19.3808



31.2282, 29.4688, 79.0635



40.5423, 29.4688, 49.3989

Sweetspot

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



25.0201, 29.4702, 8.7849



49.1082, 53.9939, 41.5550



15.4610, 10.3506, 5.5983



11.0592, 12.2311, 8.9053



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.0201, 29.4702, 8.7849



43.3621, 51.6953, 11.3044



18.0752, 25.8899, 8.4599



6.7089, 7.2229, 6.6464



20.2708, 24.4258, 3.6463



0.3031, 0.3652, 0.0545

Inverse Universe

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



9.2617, 6.5973, 30.4929



12.9436, 7.5436, 53.2075



13.3406, 8.7001, 30.6838



5.8845, 6.0263, 7.7820



4.7522, 1.9009, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 25.0194, 29.4688, 8.7843 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 25.0194, 29.4688, 8.7843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

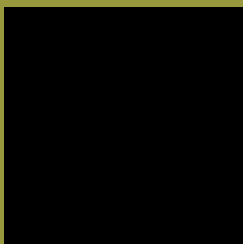
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0194, 29.4688, 8.7843

Background



This preview shows how black text looks on a background with the XYZ color 25.0194, 29.4688, 8.7843.



This preview shows how white text looks on a background with the XYZ color 25.0194, 29.4688,

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

25.0194, 29.4688, 8.7843

Protanopia

26.7154, 29.3986, 8.5414

Deuteranopia

29.8319, 29.1936, 8.9131



Tritanopia

30.3531, 29.5551, 34.6768

Trichromacy



Original Color

25.0194, 29.4688, 8.7843

Protanomaly

26.0603, 29.2947, 8.5559

Deuteranomaly

27.8837, 29.0761, 8.8452

Tritanomaly

27.7696, 29.1829, 21.9386

Monochromacy



Original Color

25.0194, 29.4688, 8.7843

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1136, 27.8610, 19.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0194, 29.4688, 8.7843 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(152, 152, 61)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 61)  
}
```

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(152, 152, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 61) }
```

Border

The CSS property to change the border of an element to XYZ 25.0194, 29.4688, 8.7843 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(152, 152, 61) }
```


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

```
.border{ border-color:rgb(152, 152, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 61);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0194, 29.4688, 8.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 61) }
```

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

```
.background{ background-color: rgb(152,  
152, 61) }
```

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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