

Converting Colors

XYZ(25.7636, 32.8162, 12.8962)

Have a look what the booklet for
XYZ(25.7636, 32.8162, 12.8962)
contains.

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Color

**XYZ(25.7830, 32.8228,
12.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA452
RGB	141, 164, 82
RGB Percent	55%, 64%, 32%
CMY	0.4471, 0.3568, 0.6784
CMYK	0.14, 0.00, 0.50, 0.36
HSL	77°, 33%, 48%
HSV	77°, 50%, 64%
XYZ	25.7830, 32.8228, 12.9592
YIQ	147.7750, 12.6140, -30.3780

Conversions

Conversions Part 2

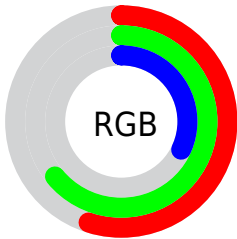
Format	Color
RYB	82, 164, 105
Decimal	9282642
CIELab	64.02, -21.23, 39.58
CIELCh	64, 44.917, 118.210
Yxy	32.8228, 0.3603, 0.4586
Android (android.graphics.Color)	4287472722 (0xFF8DA452)
YUV	147.7750, -32.4271, -5.9417
Hunter-Lab	57.2912, -19.9284, 26.6925

Details

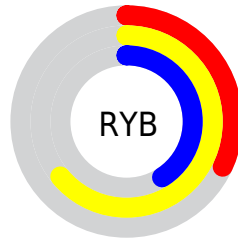
The XYZ color **25.7830, 32.8228, 12.9592** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.5450, 11.7190, 36.5664**, and the grayscale version is **28.1824, 29.6501, 32.2889**.

A 20% lighter version of the original color is **52.3301, 64.0923, 31.8033**, and **10.1885, 13.8220, 3.5698** is the 20% darker color. If you saturate the color by 10%, you get **24.4662, 32.2087, 10.0204**, and if you desaturate by 10%, it is **27.2831, 33.5162, 16.6866**.

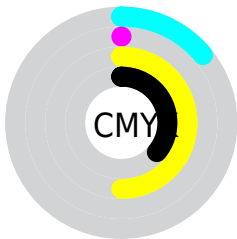
Distribution



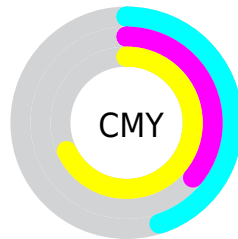
- Red (55%)
- Green (64%)
- Blue (32%)



- Red (32%)
- Yellow (64%)
- Blue (41%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7830, 32.8228, 12.9592 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 25.7830, 32.8228, 12.9592 by changing the saturation by 10% instead.

■ 25.7830, 32.8228,
12.9592

■ 25.7830, 32.8228,
12.9592

273.9915,
314.8505, 221.8547

■ 16.7932, 21.9907,
7.2701

■ 52.3585, 64.0988,
31.9206

■ 10.1815, 13.8501,
3.5506

■ 70.6748, 85.3115,
46.0299

■ 5.5827, 8.0165,
1.3822

■ 92.8308, 110.7532,
63.7830

■ 2.6313, 4.1055,
0.1278

■ 119.1917,
140.8083, 85.5985

■ 0.9619, 1.7327,
0.0000

■ 150.1228,
175.8612, 111.8949

■ 0.0000, 0.4447,
0.0000

185.9896,

■ 0.0000, 0.0000,

216.2962, 143.0906

0.0000

227.1574,
262.4979, 179.6044

■ 25.7830, 32.8228,
12.9592

■ 25.7830, 32.8228,
12.9592

■ 24.4662, 32.2087,
10.0204

■ 27.2831, 33.5162,
16.6866

■ 23.3191, 31.6651,
7.8110

■ 28.9742, 34.2887,
21.2516

■ 22.3298, 31.1882,
6.2673


■ 30.8664, 35.1455,
26.7021


■ 21.4836, 30.7722,
5.3134


■ 32.9683, 36.0901,
33.0814


■ 20.7469, 30.4036,
4.7750


■ 35.2880, 37.1257,
40.4301

 20.7469, 30.4036,
4.7750

 37.8331, 38.2554,
48.7865

 40.6109, 39.4822,
58.1867

 43.6281, 40.8089,
68.6651

 46.8914, 42.2380,
80.2543

Harmonies

Analogous

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



31.5794, 32.8228, 10.9709



25.7830, 32.8228, 12.9592



21.9416, 32.8228, 20.3230

Triad

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



25.7830, 32.8228, 12.9592



25.2065, 32.8228, 74.3767



45.0341, 32.8228, 36.8401

Complementary

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



25.7830, 32.8228, 12.9592



15.5450, 11.7190, 36.5664

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.



42.7461, 32.8228, 57.4621



25.7830, 32.8228, 12.9592



30.8179, 32.8228, 83.2134

Square

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



25.7830, 32.8228, 12.9592



21.6418, 32.8228, 54.9086



37.3205, 32.8228, 76.1684



43.2176, 32.8228, 21.6471

Rectangle

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



25.7830, 32.8228, 12.9592



20.7222, 32.8228, 29.0700



37.3205, 32.8228, 76.1684



44.7140, 32.8228, 43.3559

Sweetspot

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



25.7838, 32.8243, 12.9599



57.7763, 64.5804, 53.7140



21.7709, 18.3765, 10.3827



12.4669, 14.0447, 11.2477



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.7838, 32.8243, 12.9599



44.1579, 58.3435, 17.6707



20.1813, 29.9361, 12.6977



7.4548, 8.1370, 7.5578



15.9550, 23.3356, 3.6633



0.3776, 0.5121, 0.0790

Inverse Universe

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



15.5450, 11.7190, 36.5664



23.4537, 15.5880, 65.5250



21.3728, 14.7234, 36.8392



6.8784, 6.9517, 8.8823



6.0433, 2.5219, 27.0980



0.1706, 0.0755, 0.5714

Previews

White Background



This preview shows how the XYZ color 25.7830, 32.8228, 12.9592 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.7830, 32.8228, 12.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

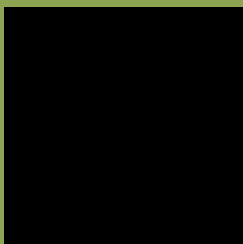
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7830, 32.8228, 12.9592

Background



This preview shows how black text looks on a background with the XYZ color 25.7830, 32.8228, 12.9592.



This preview shows how white text looks on a background with the XYZ color 25.7830, 32.8228,

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

25.7830, 32.8228, 12.9592

Protanopia

29.9272, 32.6651, 12.1248

Deuteranopia

33.2559, 32.6705, 13.3574



Tritanopia

31.4589, 32.8120, 41.2345

Trichromacy



Original Color

25.7830, 32.8228, 12.9592

Protanomaly

28.1720, 32.5065, 12.3790

Deuteranomaly

30.2086, 32.5377, 13.2826

Tritanomaly

28.7034, 32.4343, 28.0402

Monochromacy



Original Color

25.7830, 32.8228, 12.9592

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.8707, 30.5862, 23.5563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7830, 32.8228, 12.9592 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(141, 164, 82)` looks like.

```
.text, #text, p{  
    color:rgb(141, 164, 82)  
}
```

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(141, 164, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 164, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.7830, 32.8228, 12.9592 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(141, 164, 82) }
```


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

```
.border{ border-color:rgb(141, 164, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 164, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 164, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 164, 82);  
box-shadow:4px 4px 4px 4px rgb(141, 164,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7830, 32.8228, 12.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 164, 82) }
```

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

```
.background{ background-color: rgb(141,  
164, 82) }
```

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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