

Converting Colors

XYZ(25.8164, 29.4141, 10.4109)

Have a look what the booklet for
XYZ(25.8164, 29.4141, 10.4109)
contains.

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Color

**XYZ(25.7863, 29.3485,
10.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9648
RGB	156, 150, 72
RGB Percent	61%, 59%, 28%
CMY	0.3882, 0.4117, 0.7176
CMYK	0.00, 0.04, 0.54, 0.39
HSL	56°, 37%, 45%
HSV	56°, 54%, 61%
XYZ	25.7863, 29.3485, 10.4366
YIQ	142.9020, 28.6140, -22.9860

Conversions

Conversions Part 2

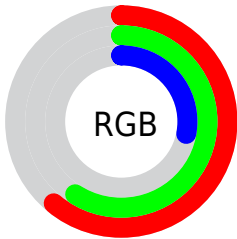
Format	Color
R_{YB}	78, 156, 72
Decimal	10262088
CIE _{Lab}	61.09, -8.59, 41.38
CIE _{LCh}	61, 42.263, 101.731
Yxy	29.3485, 0.3933, 0.4476
Android (android.graphics.Color)	4288452168 (0xFF9C9648)
YUV	142.9020, -34.9547, 11.4869
Hunter-Lab	54.1743, -9.8411, 26.4998

Details

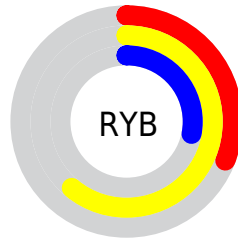
The XYZ color **25.7863, 29.3485, 10.4366** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.3975, 9.2264, 32.6324**, and the grayscale version is **26.1970, 27.5613, 30.0142**.

A 20% lighter version of the original color is **52.3194, 58.6128, 27.2948**, and **10.0861, 11.8064, 2.5063** is the 20% darker color. If you saturate the color by 10%, you get **25.1641, 28.8178, 8.0292**, and if you desaturate by 10%, it is **26.5408, 29.9370, 13.5259**.

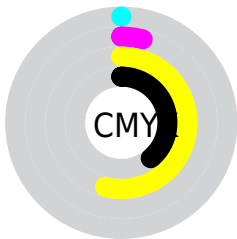
Distribution



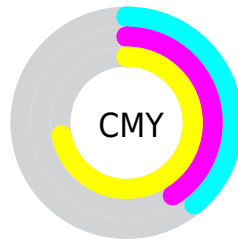
- Red (61%)
- Green (59%)
- Blue (28%)



- Red (31%)
- Yellow (61%)
- Blue (28%)



- Cyan (0%)
- Magenta (4%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7863, 29.3485, 10.4366 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 25.7863, 29.3485, 10.4366 by changing the saturation by 10% instead.

■ 25.7863, 29.3485,
10.4366

■ 25.7863, 29.3485,
10.4366

274.0074,
298.8557, 204.3571

■ 16.7957, 19.3446,
5.5800

■ 52.3638, 58.6303,
27.2341

■ 10.1833, 11.9196,
2.5268

■ 70.6813, 78.6771,
40.0120

■ 5.5839, 6.6889,
0.8543

■ 92.8385, 102.8402,
56.2675

■ 2.6320, 3.2683,
0.0000

■ 119.2008,
131.5041, 76.4191

■ 0.9623, 1.2734,
0.0000

■ 150.1335,
165.0533, 100.8853

■ 0.0000, 0.1204,
0.0000

186.0019,

■ 0.0000, 0.0000,

203.8720, 130.0847

0.0000

227.1714,
248.3447, 164.4358

■ 25.7863, 29.3485,
10.4366

■ 25.7863, 29.3485,
10.4366

■ 25.1641, 28.8178,
8.0292

■ 26.5408, 29.9370,
13.5259

■ 24.6620, 28.3367,
6.2495

■ 27.4343, 30.5828,
17.3423

■ 24.2694, 27.9021,
5.0377

■ 28.4758, 31.2904,
21.9293

■ 23.9726, 27.5085,
4.3219

■ 29.6727, 32.0630,
27.3263

■ 23.8150, 27.2776,
4.0099

■ 31.0320, 32.9032,
33.5703

■ 32.5603, 33.8138,
40.6957

■ 34.2638, 34.7972,
48.7352

■ 36.1484, 35.8558,
57.7198

■ 38.2197, 36.9919,
67.6790

Harmonies

Analogous

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



31.3665, 29.3485, 10.8692



25.7863, 29.3485, 10.4366



21.3928, 29.3485, 14.1775

Triad

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



25.7863, 29.3485, 10.4366



20.6815, 29.3485, 56.8442



39.2724, 29.3485, 42.4960

Complementary

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



25.7863, 29.3485, 10.4366



11.3975, 9.2264, 32.6324

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.



35.5966, 29.3485, 60.5307



25.7863, 29.3485, 10.4366



24.6894, 29.3485, 70.5233

Square

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



25.7863, 29.3485, 10.4366



18.7171, 29.3485, 38.5625



30.1154, 29.3485, 72.0597



39.6684, 29.3485, 26.1499

Rectangle

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



25.7863, 29.3485, 10.4366



19.5313, 29.3485, 19.5830



30.1154, 29.3485, 72.0597



38.3588, 29.3485, 48.6767

Sweetspot

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



25.7870, 29.3499, 10.4372



53.3302, 57.8780, 47.0690



17.4390, 12.2674, 8.8462



11.6427, 12.6766, 9.9401



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.



25.7870, 29.3499, 10.4372



45.4634, 52.1201, 13.6928



20.9434, 28.3096, 10.4917



7.1296, 7.6393, 7.0844



19.6271, 22.4898, 3.3065



0.3618, 0.4238, 0.0627

Inverse Universe

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



11.3975, 9.2264, 32.6324



16.4594, 11.5790, 58.4942



14.3817, 10.1611, 32.6555



6.3209, 6.5075, 8.3296



5.0534, 2.1984, 26.0652



0.1002, 0.0591, 0.4693

Previews

White Background



This preview shows how the XYZ color 25.7863, 29.3485, 10.4366 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 25.7863, 29.3485, 10.4366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

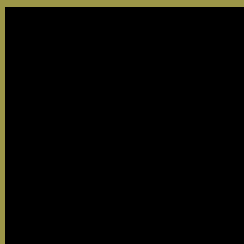
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7863, 29.3485, 10.4366

Background



This preview shows how black text looks on a background with the XYZ color 25.7863, 29.3485, 10.4366.



This preview shows how white text looks on a background with the XYZ color 25.7863, 29.3485,

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

25.7863, 29.3485, 10.4366

Protanopia

26.8315, 29.4213, 10.2259

Deuteranopia

29.6702, 29.0743, 10.5267



Tritanopia

30.5022, 29.2093, 33.7361

Trichromacy



Original Color

25.7863, 29.3485, 10.4366

Protanomaly

26.3820, 29.4234, 10.2500

Deuteranomaly

28.1891, 29.1982, 10.4534

Tritanomaly

28.2464, 28.9536, 22.8388

Monochromacy



Original Color

25.7863, 29.3485, 10.4366

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7025, 28.1380, 20.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7863, 29.3485, 10.4366 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(156, 150, 72)` looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 72)  
}
```

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(156, 150, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 72) }
```

Border

The CSS property to change the border of an element to XYZ 25.7863, 29.3485, 10.4366 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(156, 150, 72) }
```


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

```
.border{ border-color:rgb(156, 150, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 72);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7863, 29.3485, 10.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 72) }
```

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

```
.background{ background-color: rgb(156,  
150, 72) }
```

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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