

Converting Colors

XYZ(28.4823, 32.2561, 26.0512)

Have a look what the booklet for
XYZ(28.4823, 32.2561, 26.0512)
contains.

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Color

**XYZ(28.5363, 32.3883,
26.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	949E83
RGB	148, 158, 131
RGB Percent	58%, 62%, 51%
CMY	0.4196, 0.3804, 0.4863
CMYK	0.06, 0.00, 0.17, 0.38
HSL	82°, 12%, 57%
HSV	82°, 17%, 62%
XYZ	28.5363, 32.3883, 26.2203
YIQ	151.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

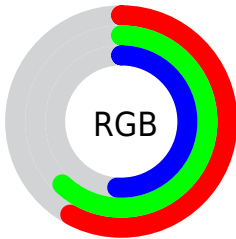
Format	Color
R_{YB}	131, 158, 141
Decimal	9739907
CIE _{Lab}	63.66, -8.57, 12.92
CIE _{LCh}	64, 15.504, 123.556
Yxy	32.3883, 0.3275, 0.3717
Android (android.graphics.Color)	4287929987 (0xFF949E83)
YUV	151.9320, -10.3195, -3.4484
Hunter-Lab	56.9107, -10.0899, 12.5210

Details

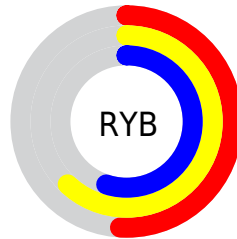
The XYZ color **28.5363, 32.3883, 26.2203** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.2737, 24.3649, 35.7203**, and the grayscale version is **29.8587, 31.4137, 34.2095**.

A 20% lighter version of the original color is **56.8031, 63.6057, 54.6307**, and **11.7105, 13.6660, 10.0032** is the 20% darker color. If you saturate the color by 10%, you get **26.5142, 31.4613, 20.9556**, and if you desaturate by 10%, it is **30.7771, 33.4111, 32.3492**.

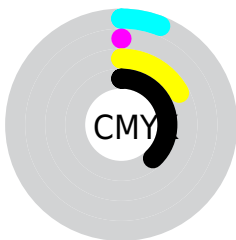
Distribution



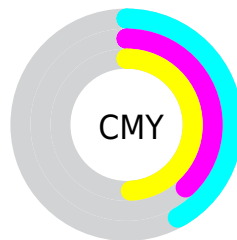
- Red (58%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5363, 32.3883, 26.2203 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 28.5363, 32.3883, 26.2203 by changing the saturation by 10% instead.

■ 28.5363, 32.3883,
26.2203

■ 28.5363, 32.3883,
26.2203

287.0546,
312.8843, 297.5017

■ 18.8728, 21.6583,
16.7613

■ 56.7422, 63.4193,
54.6186

■ 11.6819, 13.6060,
9.9043

■ 76.0154, 84.4891,
74.3949

■ 6.5981, 7.8472,
5.2308

■ 99.2225, 109.7742,
98.4474

■ 3.2561, 3.9973,
2.3222

126.7289,
139.6592, 127.1947

■ 1.2906, 1.6721,
0.7436

158.8999,
174.5282, 161.0552

■ 0.1762, 0.4055,
0.0000

196.1010,

■ 0.0000, 0.0000,

214.7658, 200.4475

0.0000

238.6974,
260.7564, 245.7901

■ 28.5363, 32.3883,
26.2203

■ 28.5363, 32.3883,
26.2203

■ 26.5142, 31.4613,
20.9556

■ 30.7771, 33.4111,
32.3492

■ 24.6999, 30.6224,
16.5139

■ 33.2416, 34.5286,
39.3764

■ 23.0857, 29.8696,
12.8543

■ 35.9379, 35.7452,
47.3371

■ 21.6620, 29.1989,
9.9311

■ 38.8729, 37.0638,
56.2637

■ 20.4185, 28.6060,
7.6941

■ 42.0533, 38.4870,
66.1872

■ 19.3435, 28.0864,
6.0867

■ 45.4854, 40.0174,
77.1372

■ 18.4239, 27.6344,
5.0435

■ 49.1752, 41.6577,
89.1419

■ 17.6389, 27.2418,
4.4606

■ 52.7389, 43.2543,
100.1770

■ 17.4245, 27.1342,
4.3191

■ 54.2795, 44.0485,
100.2491

Harmonies

Analogous

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



30.5262, 32.3883, 24.6387



28.5363, 32.3883, 26.2203



27.1995, 32.3883, 30.2101

Triad

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



28.5363, 32.3883, 26.2203



28.9643, 32.3883, 47.0749



35.1362, 32.3883, 34.5299

Complementary

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



28.5363, 32.3883, 26.2203



25.2737, 24.3649, 35.7203

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.



34.6706, 32.3883, 40.8552



28.5363, 32.3883, 26.2203



31.0434, 32.3883, 48.5776

Square

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



28.5363, 32.3883, 26.2203



27.4383, 32.3883, 42.2867



33.1470, 32.3883, 46.1827



34.3914, 32.3883, 29.0677

Rectangle

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



28.5363, 32.3883, 26.2203



26.8238, 32.3883, 33.9419



33.1470, 32.3883, 46.1827



35.1162, 32.3883, 36.6227

Sweetspot

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



28.5372, 32.3897, 26.2210



56.7466, 61.0614, 61.1526



27.7086, 27.9292, 25.4037



12.7287, 13.7368, 13.6046



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.5372, 32.3897, 26.2210



50.1860, 58.0677, 43.2955



26.2521, 31.2117, 26.1141



6.9317, 7.5975, 7.0868



13.9989, 21.7534, 3.4610



0.2957, 0.4123, 0.0640

Inverse Universe

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



25.2737, 24.3649, 35.7203



42.9825, 40.3522, 64.2668



27.6917, 25.6114, 35.8335



6.5053, 6.5490, 8.3279



6.4059, 2.7314, 26.0968



0.1593, 0.0719, 0.4687

Previews

White Background



This preview shows how the XYZ color 28.5363, 32.3883, 26.2203 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 28.5363, 32.3883, 26.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

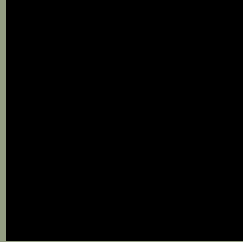
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

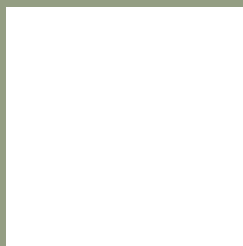
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5363, 32.3883, 26.2203

Background



This preview shows how black text looks on a background with the XYZ color 28.5363, 32.3883, 26.2203.



This preview shows how white text looks on a background with the XYZ color 28.5363, 32.3883,

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

28.5363, 32.3883, 26.2203

Protanopia

30.4183, 32.3776, 25.4152

Deuteranopia

32.7280, 32.1034, 26.6619



Tritanopia

31.3196, 32.2714, 40.1756

Trichromacy



Original Color

28.5363, 32.3883, 26.2203

Protanomaly

29.6552, 32.2225, 25.7757

Deuteranomaly

31.1190, 32.2294, 26.4105

Tritanomaly

30.2336, 32.3219, 34.7823

Monochromacy



Original Color

28.5363, 32.3883, 26.2203

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3521, 31.7041, 30.9580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5363, 32.3883, 26.2203 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(148, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 158, 131)  
}
```

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(148, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 158, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.5363, 32.3883, 26.2203 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(148, 158, 131) }
```


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

```
.border{ border-color:rgb(148, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 158,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5363, 32.3883, 26.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 158, 131) }
```

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

```
.background{ background-color: rgb(148,  
158, 131) }
```

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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