

Converting Colors

XYZ(29.9132, 30.4517, 25.0701)

Have a look what the booklet for
XYZ(29.9132, 30.4517, 25.0701)
contains.

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Color

**XYZ(29.9132, 30.4517,
25.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	A59381
RGB	165, 147, 129
RGB Percent	65%, 58%, 51%
CMY	0.3529, 0.4235, 0.4941
CMYK	0.00, 0.11, 0.22, 0.35
HSL	30°, 17%, 58%
HSV	30°, 22%, 65%
XYZ	29.9132, 30.4517, 25.0701
YIQ	150.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

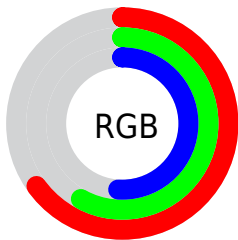
Format	Color
R_{YB}	165, 165, 129
Decimal	10851201
CIE Lab	62.04, 3.72, 11.97
CIE LCh	62, 12.536, 72.758
Yxy	30.4517, 0.3501, 0.3564
Android (android.graphics.Color)	4289041281 (0xFFA59381)
YUV	150.3300, -10.5157, 12.8656
Hunter-Lab	55.1831, 0.1895, 11.6922

Details

The XYZ color **29.9132, 30.4517, 25.0701** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.2784, 28.2506, 39.6654**, and the grayscale version is **29.1686, 30.6877, 33.4189**.

A 20% lighter version of the original color is **58.8453, 60.3663, 52.8064**, and **12.5327, 12.6393, 9.3685** is the 20% darker color. If you saturate the color by 10%, you get **27.6670, 27.5749, 19.3403**, and if you desaturate by 10%, it is **32.4302, 33.5861, 31.7647**.

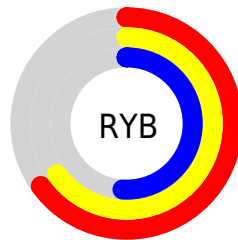
Distribution



Red (65%)

Green (58%)

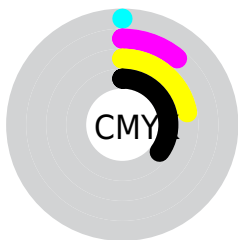
Blue (51%)



Red (65%)

Yellow (65%)

Blue (51%)

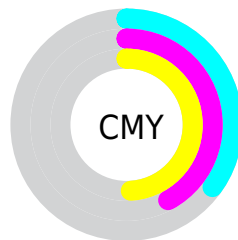


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (42%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9132, 30.4517, 25.0701 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 29.9132, 30.4517, 25.0701 by changing the saturation by 10% instead.


 29.9132, 30.4517,
25.0701


 29.9132, 30.4517,
25.0701


293.4167,
304.0043, 291.6457


 19.9205, 20.1817,
15.9098


 58.9125, 60.3758,
52.7365

 12.4452, 12.5272,
9.3067


 78.6497, 80.7987,
72.0796

 7.1220, 7.1038,
4.8422


 102.3658,
105.3746, 95.6541

 3.5855, 3.5271,
2.0979

130.4261,
134.4880, 123.8784

 1.4704, 1.4127,
0.6145

163.1960,
168.5233, 157.1713

 0.3056, 0.2261,
0.0000

201.0408,

 0.0000, 0.0000,

207.8648, 195.9510

0.0000

244.3260,
252.8970, 240.6363

■ 29.9132, 30.4517,
25.0701

■ 29.9132, 30.4517,
25.0701

■ 27.6670, 27.5749,
19.3403

■ 32.4302, 33.5861,
31.7647

■ 25.6787, 24.9444,
14.5280

■ 35.2252, 36.9808,
39.4645

■ 23.9380, 22.5538,
10.5848

■ 38.3084, 40.6438,
48.2099

■ 22.4328, 20.3951,
7.4571

■ 41.6885, 44.5814,
58.0385

■ 21.1497, 18.4595,
5.0852

■ 45.3740, 48.7997,
68.9860

■ 20.0737, 16.7375,
3.4010

■ 49.3728, 53.3047,
81.0865

■ 19.1874, 15.2185,
2.3241

■ 53.6927, 58.1018,
94.3727

■ 18.5734, 14.1119,
1.7449

■ 57.3595, 62.8042,
103.7070

■ 59.4873, 67.0598,
104.4163

Harmonies

Analogous

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



31.3849, 30.4517, 27.2547



29.9132, 30.4517, 25.0701



28.2347, 30.4517, 24.9147

Triad

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



29.9132, 30.4517, 25.0701



25.9008, 30.4517, 35.2456



31.1963, 30.4517, 40.4371

Complementary

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



29.9132, 30.4517, 25.0701



26.2784, 28.2506, 39.6654

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.



29.6639, 30.4517, 43.0414



29.9132, 30.4517, 25.0701



26.6320, 30.4517, 39.8546

Square

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



29.9132, 30.4517, 25.0701



25.9617, 30.4517, 30.4850



27.9948, 30.4517, 42.8184



32.1452, 30.4517, 35.9802

Rectangle

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



29.9132, 30.4517, 25.0701



27.2276, 30.4517, 25.9580



27.9948, 30.4517, 42.8184



30.7299, 30.4517, 41.5767

Sweetspot

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



29.9140, 30.4531, 25.0707



60.3640, 62.9419, 63.1258



28.6341, 25.8069, 31.0762



13.1373, 13.6880, 13.6371



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.



29.9140, 30.4531, 25.0707



51.6400, 52.0816, 39.9085



32.9349, 36.4948, 26.0777



7.3527, 7.6438, 7.4680



14.1009, 10.7757, 1.3367



0.3435, 0.3209, 0.0438

Inverse Universe

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



26.2784, 28.2506, 39.6654



43.9964, 47.4511, 70.5924



23.6955, 23.0847, 38.8044



6.9793, 7.4176, 8.9670



7.4983, 6.7760, 27.8425



0.2048, 0.2369, 0.6008

Previews

White Background



This preview shows how the XYZ color 29.9132, 30.4517, 25.0701 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 29.9132, 30.4517, 25.0701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

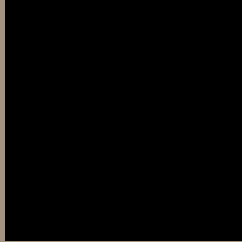
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.9132, 30.4517, 25.0701

Background



This preview shows how black text looks on a background with the XYZ color 29.9132, 30.4517, 25.0701.



This preview shows how white text looks on a background with the XYZ color 29.9132, 30.4517,

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

29.9132, 30.4517, 25.0701

Protanopia

28.8402, 30.5925, 25.5040

Deuteranopia

31.0158, 30.3289, 25.3384



Tritanopia

31.8873, 30.3363, 35.1852

Trichromacy



Original Color

29.9132, 30.4517, 25.0701

Protanomaly

29.2739, 30.5802, 25.4788

Deuteranomaly

30.5168, 30.2975, 25.3587

Tritanomaly

31.0979, 30.2373, 31.3915

Monochromacy



Original Color

29.9132, 30.4517, 25.0701

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1475, 30.4164, 29.9259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9132, 30.4517, 25.0701 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(165, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 129)  
}
```

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(165, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.9132, 30.4517, 25.0701 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(165, 147, 129) }
```


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

```
.border{ border-color:rgb(165, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(165, 147,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9132, 30.4517, 25.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 129) }
```

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

```
.background{ background-color: rgb(165,  
147, 129) }
```

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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