

Converting Colors

XYZ(29.6621, 30.4472, 24.1777)

Have a look what the booklet for
XYZ(29.6621, 30.4472, 24.1777)
contains.

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Color

**XYZ(29.5095, 30.2663,
24.0253)**

Conversions

Conversions Part 1

Format	Color
Hex	A4937E
RGB	164, 147, 126
RGB Percent	64%, 58%, 49%
CMY	0.3569, 0.4235, 0.5059
CMYK	0.00, 0.10, 0.23, 0.36
HSL	33°, 17%, 57%
HSV	33°, 23%, 64%
XYZ	29.5095, 30.2663, 24.0253
YIQ	149.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

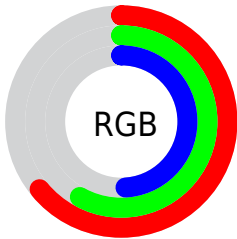
Format	Color
RYB	157, 164, 126
Decimal	10785662
CIELab	61.88, 2.86, 13.43
CIELCh	62, 13.728, 77.963
Yxy	30.2663, 0.3521, 0.3612
Android (android.graphics.Color)	4288975742 (0xFFA4937E)
YUV	149.6890, -11.6787, 12.5507
Hunter-Lab	55.0148, -0.5300, 12.6181

Details

The XYZ color **29.5095, 30.2663, 24.0253** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1274, 26.7603, 38.9632**, and the grayscale version is **28.9012, 30.4063, 33.1125**.

A 20% lighter version of the original color is **58.2367, 60.0880, 51.1766**, and **12.2963, 12.5300, 8.7916** is the 20% darker color. If you saturate the color by 10%, you get **27.4325, 27.6691, 18.5331**, and if you desaturate by 10%, it is **31.8344, 33.0811, 30.4568**.

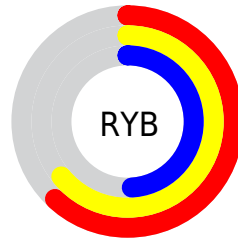
Distribution



Red (64%)

Green (58%)

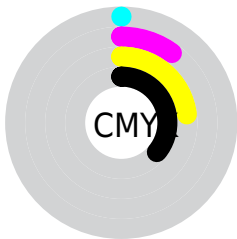
Blue (49%)



Red (62%)

Yellow (64%)

Blue (49%)

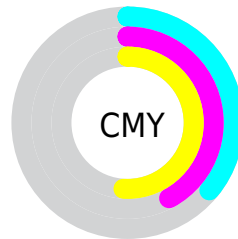


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5095, 30.2663, 24.0253 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 29.5095, 30.2663, 24.0253 by changing the saturation by 10% instead.


 29.5095, 30.2663,
24.0253


 29.5095, 30.2663,
24.0253


291.5624,
303.1438, 286.2390


 19.6128, 20.0408,
15.1400


 58.2776, 60.0831,
51.0158

 12.2205, 12.4247,
8.7700

 77.8797, 80.4431,
69.9582

 6.9673, 7.0336,
4.4967


 101.4476,
104.9501, 93.0899

 3.4878, 3.4831,
1.9016

129.3468,
133.9886, 120.8296

 1.4167, 1.3889,
0.4938

161.9424,
167.9427, 153.5959

 0.2681, 0.2085,
0.0000

199.6001,

 0.0000, 0.0000,

207.1971, 191.8072

0.0000

242.6849,
252.1359, 235.8820

■ 29.5095, 30.2663,
24.0253

■ 29.5095, 30.2663,
24.0253

■ 27.4325, 27.6691,
18.5331

■ 31.8344, 33.0811,
30.4568

■ 25.5912, 25.2795,
13.9333

■ 34.4139, 36.1152,
37.8677

■ 23.9758, 23.0922,
10.1780

■ 37.2576, 39.3755,
46.2978

■ 22.5749, 21.1005,
7.2137

■ 40.3736, 42.8673,
55.7842

■ 21.3758, 19.2969,
4.9810

■ 43.7698, 46.5956,
66.3624

■ 20.3642, 17.6732,
3.4117

■ 47.4536, 50.5653,
78.0659

■ 19.5231, 16.2202,
2.4246

■ 51.4323, 54.7812,
90.9269

■ 19.0208, 15.3143,
1.9534

■ 55.3563, 59.1052,
103.0986

■ 57.1602, 62.7130,
103.6999

Harmonies

Analogous

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



31.1957, 30.2663, 26.0037



29.5095, 30.2663, 24.0253



27.6925, 30.2663, 24.2450

Triad

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



29.5095, 30.2663, 24.0253



25.5390, 30.2663, 36.1712



31.4688, 30.2663, 40.1967

Complementary

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



29.5095, 30.2663, 24.0253



25.1274, 26.7603, 38.9632

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.



29.8694, 30.2663, 43.5347



29.5095, 30.2663, 24.0253



26.4682, 30.2663, 41.0460

Square

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



29.5095, 30.2663, 24.0253



25.4519, 30.2663, 30.8916



28.0375, 30.2663, 43.8611



32.3586, 30.2663, 35.1080

Rectangle

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



29.5095, 30.2663, 24.0253



26.6504, 30.2663, 25.6113



28.0375, 30.2663, 43.8611



30.9932, 30.2663, 41.5830

Sweetspot

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



29.5103, 30.2677, 24.0259



60.5553, 63.3245, 63.1896



27.7366, 24.8008, 29.3519



13.1822, 13.7778, 13.6520



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.



29.5103, 30.2677, 24.0259



51.4911, 52.3662, 38.0636



31.9623, 35.7495, 24.9548



7.3831, 7.7046, 7.4781



14.6322, 11.8384, 1.5138



0.3537, 0.3413, 0.0472

Inverse Universe

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



25.1274, 26.7603, 38.9632



42.0664, 44.8255, 70.1874



23.0491, 22.1839, 38.1894



6.9491, 7.3572, 8.9569



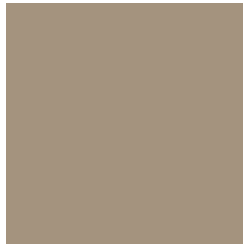
7.0289, 5.8372, 27.6860



0.1946, 0.2165, 0.5974

Previews

White Background



This preview shows how the XYZ color 29.5095, 30.2663, 24.0253 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 29.5095, 30.2663, 24.0253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

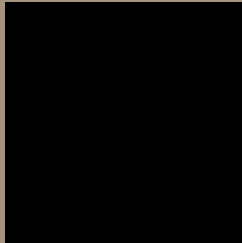
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

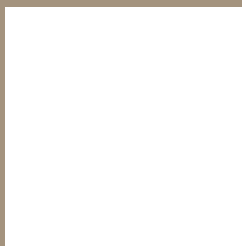
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5095, 30.2663, 24.0253

Background



This preview shows how black text looks on a background with the XYZ color 29.5095, 30.2663, 24.0253.



This preview shows how white text looks on a background with the XYZ color 29.5095, 30.2663,

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

29.5095, 30.2663, 24.0253

Protanopia

28.4828, 30.1953, 24.4057

Deuteranopia

30.8173, 30.2495, 24.2932



Tritanopia

31.5915, 30.1935, 34.7347

Trichromacy



Original Color

29.5095, 30.2663, 24.0253

Protanomaly

28.9179, 30.1857, 24.3810

Deuteranomaly

30.3183, 30.2181, 24.3134

Tritanomaly

30.7332, 30.0671, 30.5693

Monochromacy



Original Color

29.5095, 30.2663, 24.0253

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.0727, 30.3865, 29.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5095, 30.2663, 24.0253 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(164, 147, 126)` looks like.

```
.text, #text, p{  
    color:rgb(164, 147, 126)  
}
```

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(164, 147, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 147, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.5095, 30.2663, 24.0253 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(164, 147, 126) }
```


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

```
.border{ border-color:rgb(164, 147, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 147, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 147, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 147, 126);  
box-shadow:4px 4px 4px 4px rgb(164, 147,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5095, 30.2663, 24.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 147, 126) }
```

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

```
.background{ background-color: rgb(164,  
147, 126) }
```

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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