

Converting Colors

XYZ(24.4525, 24.7208, 30.0848)

Have a look what the booklet for
XYZ(24.4525, 24.7208, 30.0848)
contains.

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Color

**XYZ(24.4511, 24.6700,
30.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8691
RGB	140, 134, 145
RGB Percent	55%, 53%, 57%
CMY	0.4510, 0.4745, 0.4314
CMYK	0.03, 0.08, 0.00, 0.43
HSL	273°, 5%, 55%
HSV	273°, 8%, 57%
XYZ	24.4511, 24.6700, 30.2611
YIQ	137.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

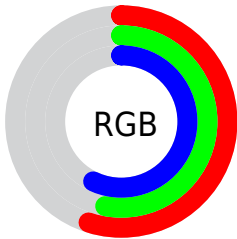
Format	Color
R_{YB}	140, 134, 145
Decimal	9209489
CIE _{Lab}	56.75, 4.41, -5.08
CIE _{LCh}	57, 6.729, 310.938
Yxy	24.6700, 0.3080, 0.3108
Android (android.graphics.Color)	4287399569 (0xFF8C8691)
YUV	137.0480, 3.9203, 2.5889
Hunter-Lab	49.6689, 0.9517, -1.3546

Details

The XYZ color **24.4511, 24.6700, 30.2611** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0769, 27.4617, 26.5345**, and the grayscale version is **23.7822, 25.0208, 27.2476**.

A 20% lighter version of the original color is **50.3273, 51.1335, 61.2501**, and **9.4523, 9.3405, 12.1312** is the 20% darker color. If you saturate the color by 10%, you get **21.5052, 20.3780, 29.5883**, and if you desaturate by 10%, it is **27.7398, 29.5481, 31.0297**.

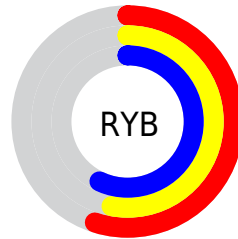
Distribution



Red (55%)

Green (53%)

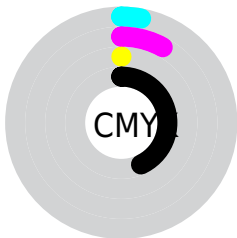
Blue (57%)



Red (55%)

Yellow (53%)

Blue (57%)

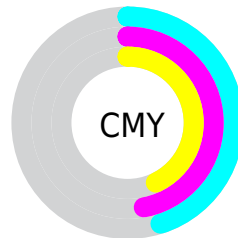


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (45%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4511, 24.6700, 30.2611 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 24.4511, 24.6700, 30.2611 by changing the saturation by 10% instead.

■ 24.4511, 24.6700,
30.2611

■ 24.4511, 24.6700,
30.2611

267.4916,
276.1905, 317.3647

■ 15.7951, 15.8314,
19.7831

■ 50.2147, 51.1214,
61.1407

■ 9.4692, 9.4049,
12.0550

■ 68.0530, 69.5029,
82.3795

■ 5.1080, 5.0062,
6.6581

■ 89.6828, 91.8341,
108.0422

■ 2.3462, 2.2509,
3.1741

115.4694,
118.4995, 138.5475

■ 0.8181, 0.7475,
1.1842

145.7783,
149.8835, 174.3138

■ 0.0000, 0.0000,
0.0000

180.9747,

186.3704, 215.7598

221.4240,
228.3446, 263.3039

■ 24.4511, 24.6700,
30.2611

■ 24.4511, 24.6700,
30.2611

■ 21.5052, 20.3780,
29.5883

■ 27.7398, 29.5481,
31.0297

■ 18.8877, 16.6460,
29.0059

■ 31.3808, 35.0305,
31.8960

■ 16.5862, 13.4509,
28.5105

■ 35.3859, 41.1389,
32.8640

■ 14.5869, 10.7663,
28.0977

■ 39.7654, 47.8926,
33.9367

■ 12.8744, 8.5639,
27.7628

■ 44.5296, 55.3103,
35.1174

■ 11.4323, 6.8123,
27.5008

■ 49.6880, 63.4097,
36.4089

■ 10.2418, 5.4765,
27.3057

■ 55.2501, 72.2081,
37.8140

■ 9.2818, 4.5157,
27.1708

■ 61.2248, 81.7220,
39.3354

■ 8.5136, 3.8550,
27.0838

■ 64.5135, 85.7525,
39.9401

Harmonies

Analogous

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



23.7357, 24.6700, 31.3332



24.4511, 24.6700, 30.2611



24.9039, 24.6700, 28.2981

Triad

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



24.4511, 24.6700, 30.2611



23.9445, 24.6700, 22.9793



21.9971, 24.6700, 27.6901

Complementary

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



24.4511, 24.6700, 30.2611



25.0769, 27.4617, 26.5345

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.



22.0502, 24.6700, 25.4742



24.4511, 24.6700, 30.2611



23.1628, 24.6700, 22.8367

Square

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



24.4511, 24.6700, 30.2611



24.6069, 24.6700, 24.1273



22.4729, 24.6700, 23.7264



22.3262, 24.6700, 29.7947

Rectangle

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



24.4511, 24.6700, 30.2611



24.9899, 24.6700, 26.7907



22.4729, 24.6700, 23.7264



21.9710, 24.6700, 26.9323

Sweetspot

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



24.4518, 24.6711, 30.2616



46.9759, 48.8909, 54.9345



24.1953, 25.6175, 30.4579



10.4677, 10.9021, 12.2248



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.4518, 24.6711, 30.2616



42.9024, 42.8797, 53.9890



25.2855, 25.1041, 30.1533



5.3929, 5.3907, 6.7850



7.1848, 3.1975, 23.2156



0.0941, 0.0437, 0.2231

Inverse Universe

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



24.8633, 24.9352, 27.9301



43.7918, 43.4504, 48.9596



24.2866, 27.0513, 26.6312



5.5044, 5.4623, 6.1544



10.8703, 5.5051, 4.9683



0.1148, 0.0570, 0.1048

Previews

White Background



This preview shows how the XYZ color 24.4511, 24.6700, 30.2611 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 24.4511, 24.6700, 30.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

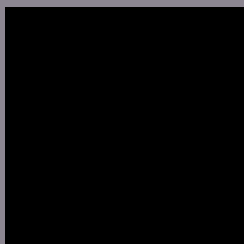
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

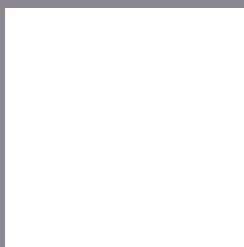
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4511, 24.6700, 30.2611

Background



This preview shows how black text looks on a background with the XYZ color 24.4511, 24.6700, 30.2611.



This preview shows how white text looks on a background with the XYZ color 24.4511, 24.6700,

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

24.4511, 24.6700, 30.2611

Protanopia

24.0056, 24.6375, 30.6844

Deuteranopia

25.0392, 24.5666, 30.2102



Tritanopia

24.4511, 24.6700, 30.2611

Trichromacy



Original Color

24.4511, 24.6700, 30.2611

Protanomaly

24.1688, 24.7216, 30.6920

Deuteranomaly

24.8261, 24.6590, 30.2393

Tritanomaly

24.4511, 24.6700, 30.2611

Monochromacy



Original Color

24.4511, 24.6700, 30.2611

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0190, 24.9050, 28.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4511, 24.6700, 30.2611 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(140, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 145)  
}
```

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(140, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.4511, 24.6700, 30.2611 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(140, 134, 145) }
```


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

```
.border{ border-color:rgb(140, 134, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 134, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4511, 24.6700, 30.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 145) }
```

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

```
.background{ background-color: rgb(140,  
134, 145) }
```

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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