

Converting Colors

XYZ(24.4953, 16.2731, 15.2150)

Have a look what the booklet for
XYZ(24.4953, 16.2731, 15.2150)
contains.

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Color

**XYZ(24.4951, 16.2728,
15.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	B64D69
RGB	182, 77, 105
RGB Percent	71%, 30%, 41%
CMY	0.2863, 0.6980, 0.5882
CMYK	0.00, 0.58, 0.42, 0.29
HSL	344°, 42%, 51%
HSV	344°, 58%, 71%
XYZ	24.4951, 16.2728, 15.2145
YIQ	111.5870, 53.5920, 30.9680

Conversions

Conversions Part 2

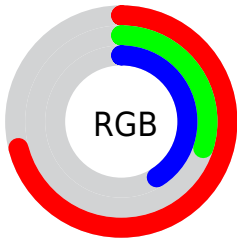
Format	Color
R_{YB}	182, 77, 105
Decimal	11947369
CIE _{Lab}	47.33, 45.21, 5.41
CIE _{LCh}	47, 45.534, 6.819
Yxy	16.2728, 0.4376, 0.2907
Android (android.graphics.Color)	4290137449 (0xFFB64D69)
YUV	111.5870, -3.2474, 61.7522
Hunter-Lab	40.3396, 37.7950, 5.8758

Details

The XYZ color **24.4951, 16.2728, 15.2145** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **25.6222, 37.3672, 36.4366**, and the grayscale version is **15.2791, 16.0748, 17.5055**.

A 20% lighter version of the original color is **50.2590, 37.0663, 35.9581**, and **9.4893, 5.2018, 4.5069** is the 20% darker color. If you saturate the color by 10%, you get **22.7620, 13.8198, 11.5137**, and if you desaturate by 10%, it is **26.6929, 19.4830, 19.6018**.

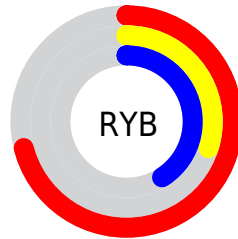
Distribution



Red (71%)

Green (30%)

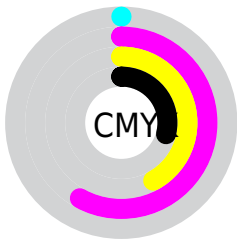
Blue (41%)



Red (71%)

Yellow (30%)

Blue (41%)

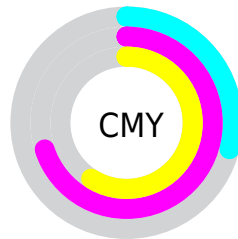


Cyan (0%)

Magenta (58%)

Yellow (42%)

Black (29%)



Cyan (29%)


Magenta (70%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4951, 16.2728, 15.2145 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 24.4951, 16.2728, 15.2145 by changing the saturation by 10% instead.


 24.4951, 16.2728,
15.2145


 24.4951, 16.2728,
15.2145


267.7083,
230.9461, 236.3462


 15.8280, 9.7174,
8.8218


 50.2858, 37.0712,
35.9766


 9.4926, 5.2120,
4.5299


 68.1400, 52.0829,
51.1832


 5.1235, 2.3722,
1.9203

 89.7874, 70.6822,
70.1647

 2.3554, 0.8115,
0.5056

 115.5932, 93.2535,
93.3397

 0.8228, 0.0000,
0.0000

 145.9229,
120.1811, 121.1269

 0.0000, 0.0000,
0.0000

181.1417,

151.8495, 153.9446

221.6151,
188.6430, 192.2116

■ 24.4951, 16.2728,
15.2145

■ 24.4951, 16.2728,
15.2145

■ 22.7620, 13.8198,
11.5137

■ 26.6929, 19.4830,
19.6018

■ 21.4569, 12.0583,
8.4619

■ 29.3860, 23.5038,
24.7085

■ 20.5390, 10.9157,
6.0191

■ 32.6035, 28.3867,
30.5661

■ 19.9481, 10.2808,
4.1361

■ 36.3720, 34.1781,
37.2041

■ 19.8358, 10.1628,
3.7697

■ 40.7164, 40.9212,
44.6502

■ 45.6597, 48.6563,
52.9310

■ 51.2239, 57.4214,
62.0715

■ 57.4299, 67.2527,
72.0959

■ 64.2973, 78.1843,
83.0273

Harmonies

Analogous

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



23.7286, 16.2728, 27.9545



24.4951, 16.2728, 15.2145



22.5270, 16.2728, 7.4775

Triad

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



24.4951, 16.2728, 15.2145



11.2766, 16.2728, 5.2380



12.6158, 16.2728, 46.9050

Complementary

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



24.4951, 16.2728, 15.2145



25.6222, 37.3672, 36.4366

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.



10.0613, 16.2728, 34.5990



24.4951, 16.2728, 15.2145



9.3870, 16.2728, 10.3468

Square

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



24.4951, 16.2728, 15.2145



14.5659, 16.2728, 3.5642



8.9842, 16.2728, 20.4828



16.4041, 16.2728, 50.0994

Rectangle

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



24.4951, 16.2728, 15.2145



20.1012, 16.2728, 4.8879



8.9842, 16.2728, 20.4828



11.6058, 16.2728, 43.4990

Sweetspot

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



24.4955, 16.2737, 15.2148



66.2378, 62.4213, 67.9637



24.4246, 15.5562, 45.9713



14.3086, 13.2909, 14.4522



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.4955, 16.2737, 15.2148



40.6112, 24.1514, 19.3957



25.3340, 19.8867, 9.5256



9.1003, 9.0505, 9.8757



14.0319, 7.1865, 2.7890



0.5212, 0.2640, 0.2382

Inverse Universe

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



24.4955, 16.2737, 15.2148



40.6112, 24.1514, 19.3957



23.6466, 29.2394, 48.6534



9.1003, 9.0505, 9.8757



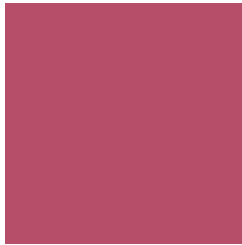
14.0319, 7.1865, 2.7890



0.5212, 0.2640, 0.2382

Previews

White Background



This preview shows how the XYZ color 24.4951, 16.2728, 15.2145 looks on a white 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

Black Background



This preview shows how the XYZ color 24.4951, 16.2728, 15.2145 looks on a black 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

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

XYZ 24.4951, 16.2728, 15.2145

Background



This preview shows how black text looks on a background with the XYZ color 24.4951, 16.2728, 15.2145.



This preview shows how white text looks on a background with the XYZ color 24.4951, 16.2728,

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

24.4951, 16.2728, 15.2145

Protanopia

16.0514, 16.4485, 21.7309

Deuteranopia

16.6710, 16.4466, 14.3524



Tritanopia

23.6782, 16.3805, 10.7179

Trichromacy



Original Color

24.4951, 16.2728, 15.2145

Protanomaly

18.0484, 15.5501, 19.1897

Deuteranomaly

18.8857, 15.8046, 14.6256

Tritanomaly

23.9005, 16.3514, 12.2524

Monochromacy



Original Color

24.4951, 16.2728, 15.2145

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.5387, 15.3462, 16.5057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4951, 16.2728, 15.2145 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(182, 77, 105)` looks like.

```
.text, #text, p{  
    color:rgb(182, 77, 105)  
}
```

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(182, 77, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 77, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.4951, 16.2728, 15.2145 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(182, 77, 105) }
```


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

```
.border{ border-color:rgb(182, 77, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 77, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 77, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 77, 105);  
box-shadow:4px 4px 4px 4px rgb(182, 77,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4951, 16.2728, 15.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 77, 105) }
```

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

```
.background{ background-color: rgb(182, 77,  
105) }
```

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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