

Converting Colors

XYZ(24.5276, 15.2928, 20.7278)

Have a look what the booklet for
XYZ(24.5276, 15.2928, 20.7278)
contains.

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Color

**XYZ(24.5276, 15.2928,
20.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	B4447C
RGB	180, 68, 124
RGB Percent	71%, 27%, 49%
CMY	0.2941, 0.7333, 0.5137
CMYK	0.00, 0.62, 0.31, 0.29
HSL	330°, 45%, 49%
HSV	330°, 62%, 71%
XYZ	24.5276, 15.2928, 20.7278
YIQ	107.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

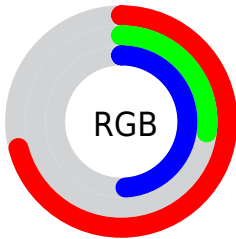
Format	Color
RYB	180, 68, 124
Decimal	11814012
CIELab	46.03, 50.95, -8.10
CIElCh	46, 51.586, 350.967
Yxy	15.2928, 0.4051, 0.2526
Android (android.graphics.Color)	4290004092 (0xFFB4447C)
YUV	107.8720, 7.9511, 63.2563
Hunter-Lab	39.1060, 43.5211, -4.0519

Details

The XYZ color **24.5276, 15.2928, 20.7278** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.3441, 35.3271, 24.7120**, and the grayscale version is **14.1876, 14.9264, 16.2549**.

A 20% lighter version of the original color is **50.4919, 35.4441, 45.7752**, and **9.4384, 4.7190, 7.0700** is the 20% darker color. If you saturate the color by 10%, you get **23.0578, 13.2229, 17.5566**, and if you desaturate by 10%, it is **26.3844, 18.0534, 24.2846**.

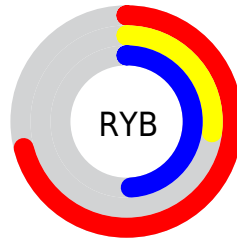
Distribution



Red (71%)

Green (27%)

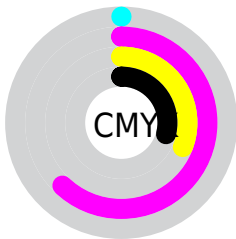
Blue (49%)



Red (71%)

Yellow (27%)

Blue (49%)

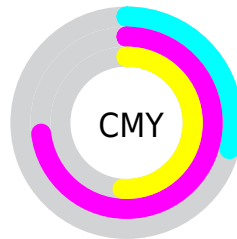


Cyan (0%)

Magenta (62%)

Yellow (31%)

Black (29%)



Cyan (29%)

Magenta (73%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5276, 15.2928, 20.7278 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 24.5276, 15.2928, 20.7278 by changing the saturation by 10% instead.


 24.5276, 15.2928,
20.7278


 24.5276, 15.2928,
20.7278


267.8684,
225.1317, 268.5617


 15.8523, 9.0251,
12.7359


 50.3382, 35.3660,
45.5090

 9.5099, 4.7576,
7.1183


 68.2043, 49.9404,
63.1353


 5.1350, 2.1057,
3.4567

 89.8647, 68.0524,
84.8102

 2.3622, 0.6679,
1.3323

 115.6847, 90.0865,
110.9521

 0.8262, 0.0000,
0.0880

 146.0297,
116.4271, 141.9797

 0.0000, 0.0000,
0.0000

181.2651,

147.4586, 178.3115

221.7562,
183.5653, 220.3660

■ 24.5276, 15.2928,
20.7278

■ 24.5276, 15.2928,
20.7278

■ 23.0578, 13.2229,
17.5566

■ 26.3844, 18.0534,
24.2846

■ 21.9406, 11.7773,
14.7523

■ 28.6560, 21.5583,
28.2425

■ 21.1372, 10.8806,
12.2951

■ 31.3688, 25.8584,
32.6168

■ 20.6677, 10.4414,
10.5979

■ 34.5468, 30.9995,
37.4214

■ 38.2121, 37.0240,
42.6698

■ 42.3853, 43.9710,
48.3745

■ 47.0857, 51.8778,
54.5475

■ 52.3318, 60.7793,
61.2005

■ 58.1411, 70.7086,
68.3444

Harmonies

Analogous

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



22.0987, 15.2928, 36.9006



24.5276, 15.2928, 20.7278



23.8915, 15.2928, 9.4321

Triad

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



24.5276, 15.2928, 20.7278



11.7280, 15.2928, 2.7645



9.8548, 15.2928, 43.2550

Complementary

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



24.5276, 15.2928, 20.7278



22.3441, 35.3271, 24.7120

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.



8.0098, 15.2928, 26.8464



24.5276, 15.2928, 20.7278



8.9308, 15.2928, 5.6200

Square

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



24.5276, 15.2928, 20.7278



15.8966, 15.2928, 2.3910



7.7093, 15.2928, 13.1476



13.2541, 15.2928, 53.5809

Rectangle

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



24.5276, 15.2928, 20.7278



21.8582, 15.2928, 5.3234



7.7093, 15.2928, 13.1476



9.0633, 15.2928, 37.9697

Sweetspot

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



24.5280, 15.2936, 20.7281



64.4712, 59.2016, 70.5228



18.6184, 11.7157, 44.4601



13.5488, 12.1649, 14.6801



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.5280, 15.2936, 20.7281



40.9118, 22.7809, 29.6887



21.9335, 14.2558, 7.0655



8.6676, 8.5738, 9.7482



14.4587, 7.3010, 7.5754



0.4844, 0.2415, 0.3934

Inverse Universe

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



24.5280, 15.2936, 20.7281



40.9118, 22.7809, 29.6887



26.9439, 37.1670, 48.9339



8.6676, 8.5738, 9.7482



14.4587, 7.3010, 7.5754



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 24.5276, 15.2928, 20.7278 looks on a white background.

Color Contrast Check

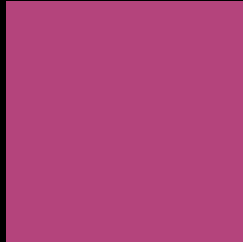
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5276, 15.2928, 20.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

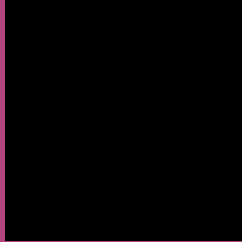
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5276, 15.2928, 20.7278

Background



This preview shows how black text looks on a background with the XYZ color 24.5276, 15.2928, 20.7278.



This preview shows how white text looks on a background with the XYZ color 24.5276, 15.2928,

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

24.5276, 15.2928, 20.7278

Protanopia

15.8782, 15.5009, 31.4333

Deuteranopia

15.7302, 15.5364, 19.3093



Tritanopia

22.3467, 15.2794, 9.9550

Trichromacy



Original Color

24.5276, 15.2928, 20.7278

Protanomaly

17.4745, 14.2638, 27.0315

Deuteranomaly

17.9520, 14.6737, 19.6554

Tritanomaly

23.0135, 15.2444, 13.2848

Monochromacy



Original Color

24.5276, 15.2928, 20.7278

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.7831, 14.1119, 17.7589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5276, 15.2928, 20.7278 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(180, 68, 124)` looks like.

```
.text, #text, p{  
    color:rgb(180, 68, 124)  
}
```

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(180, 68, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 68, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.5276, 15.2928, 20.7278 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(180, 68, 124) }
```


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

```
.border{ border-color:rgb(180, 68, 124) }
```

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

Here you see how a box with a 4 pixel rgb(180, 68, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 68, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 68, 124);  
box-shadow:4px 4px 4px 4px rgb(180, 68,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5276, 15.2928, 20.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 68, 124) }
```

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

```
.background{ background-color: rgb(180, 68,  
124) }
```

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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