

Converting Colors

XYZ(21.0991, 15.0427, 27.9869)

Have a look what the booklet for
XYZ(21.0991, 15.0427, 27.9869)
contains.

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Color

**XYZ(21.1533, 15.0297,
28.1717)**

Conversions

Conversions Part 1

Format	Color
Hex	985490
RGB	152, 84, 144
RGB Percent	60%, 33%, 56%
CMY	0.4039, 0.6706, 0.4353
CMYK	0.00, 0.45, 0.05, 0.40
HSL	307°, 29%, 46%
HSV	307°, 45%, 60%
XYZ	21.1533, 15.0297, 28.1717
YIQ	111.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

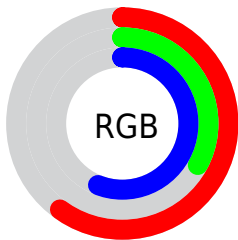
Format	Color
RYB	152, 84, 144
Decimal	9983120
CIELab	45.67, 37.17, -21.11
CIElCh	46, 42.740, 330.407
Yxy	15.0297, 0.3287, 0.2335
Android (android.graphics.Color)	4288173200 (0xFF985490)
YUV	111.1720, 16.1842, 35.8062
Hunter-Lab	38.7682, 29.5517, -15.9466

Details

The XYZ color **21.1533, 15.0297, 28.1717** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.8169, 25.1146, 14.0875**, and the grayscale version is **15.1100, 15.8969, 17.3117**.

A 20% lighter version of the original color is **45.0096, 35.0954, 57.8279**, and **7.7224, 4.6450, 10.8455** is the 20% darker color. If you saturate the color by 10%, you get **19.9636, 12.8670, 27.1062**, and if you desaturate by 10%, it is **22.6022, 17.7066, 29.3346**.

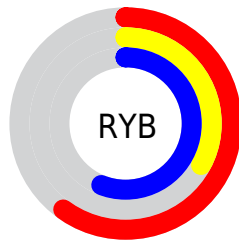
Distribution



Red (60%)

Green (33%)

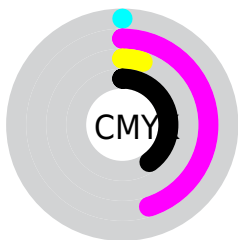
Blue (56%)



Red (60%)

Yellow (33%)

Blue (56%)

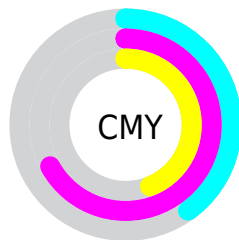


Cyan (0%)

Magenta (45%)

Yellow (5%)

Black (40%)



Cyan (40%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1533, 15.0297, 28.1717 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 21.1533, 15.0297, 28.1717 by changing the saturation by 10% instead.

■ 21.1533, 15.0297,
28.1717

■ 21.1533, 15.0297,
28.1717

250.8084,
223.5459, 307.2242

■ 13.3492, 8.8402,
18.2150

■ 44.8319, 34.9053,
57.7848

■ 7.7481, 4.6371,
10.9334

■ 61.4371, 49.3602,
78.2783

■ 3.9846, 2.0360,
5.9085

■ 81.7067, 67.3390,
103.1212

■ 1.6934, 0.6282,
2.7216

■ 106.0061, 89.2261,
132.7319

■ 0.4522, 0.0000,
0.9543

■ 134.7006,
115.4060, 167.5290

■ 0.0000, 0.0000,
0.0000

168.1556,

146.2630, 207.9310

206.7364,
182.1815, 254.3566

■ 21.1533, 15.0297,
28.1717

■ 21.1533, 15.0297,
28.1717

■ 19.9636, 12.8670,
27.1062

■ 22.6022, 17.7066,
29.3346

■ 19.0148, 11.1831,
26.1314

■ 24.3240, 20.9262,
30.5991

■ 18.2888, 9.9411,
25.2415

■ 26.3332, 24.7173,
31.9701

■ 17.7639, 9.0982,
24.4292

■ 28.6430, 29.1059,
33.4522

■ 17.4132, 8.6002,
23.6855

■ 31.2657, 34.1166,
35.0495

■ 17.2603, 8.4000,
23.3086

■ 34.2127, 39.7726,
36.7657

■ 37.4951, 46.0959,
38.6048

■ 41.1234, 53.1072,
40.5702

■ 45.1076, 60.8268,
42.6652

Harmonies

Analogous

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



18.0642, 15.0297, 39.9646



21.1533, 15.0297, 28.1717



22.3423, 15.0297, 16.2249

Triad

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



21.1533, 15.0297, 28.1717



14.2364, 15.0297, 3.5008



9.1288, 15.0297, 28.5221

Complementary

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



21.1533, 15.0297, 28.1717



16.8169, 25.1146, 14.0875

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.



8.4437, 15.0297, 16.5054



21.1533, 15.0297, 28.1717



11.0740, 15.0297, 4.5640

Square

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



21.1533, 15.0297, 28.1717



17.9652, 15.0297, 4.5044



9.0925, 15.0297, 8.4263



11.1457, 15.0297, 40.2195

Rectangle

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



21.1533, 15.0297, 28.1717



21.7649, 15.0297, 10.4034



9.0925, 15.0297, 8.4263



8.7518, 15.0297, 24.2548

Sweetspot

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



21.1538, 15.0304, 28.1720



47.0503, 44.7081, 56.8048



13.2455, 10.8803, 31.1082



10.5142, 9.8211, 12.7925



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.1538, 15.0304, 28.1720



35.1780, 22.6048, 47.7877



18.9380, 14.1441, 16.5036



6.4299, 6.3111, 7.6441



14.4796, 7.0461, 19.5823



0.2242, 0.1084, 0.3334

Inverse Universe

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



21.1538, 15.0304, 28.1720



35.1780, 22.6048, 47.7877



18.6466, 25.8465, 23.7229



6.4299, 6.3111, 7.6441



14.4796, 7.0461, 19.5823



0.2242, 0.1084, 0.3334

Previews

White Background



This preview shows how the XYZ color 21.1533, 15.0297, 28.1717 looks on a white background.

Color Contrast Check

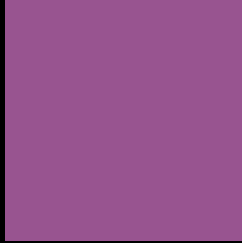
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1533, 15.0297, 28.1717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

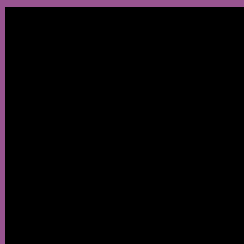
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.1533, 15.0297, 28.1717

Background



This preview shows how black text looks on a background with the XYZ color 21.1533, 15.0297, 28.1717.



This preview shows how white text looks on a background with the XYZ color 21.1533, 15.0297,

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

21.1533, 15.0297, 28.1717

Protanopia

15.9957, 15.2977, 36.2921

Deuteranopia

15.4708, 15.2336, 26.9359



Tritanopia

18.3843, 15.1480, 14.2668

Trichromacy



Original Color

21.1533, 15.0297, 28.1717

Protanomaly

17.1883, 14.8009, 32.9613

Deuteranomaly

17.0153, 14.8398, 27.1669

Tritanomaly

19.2615, 14.9862, 18.7071

Monochromacy



Original Color

21.1533, 15.0297, 28.1717

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8330, 15.1730, 20.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1533, 15.0297, 28.1717 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(152, 84, 144)` looks like.

```
.text, #text, p{  
    color:rgb(152, 84, 144)  
}
```

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(152, 84, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 84, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.1533, 15.0297, 28.1717 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(152, 84, 144) }
```


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

```
.border{ border-color:rgb(152, 84, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 84, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 84, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 84, 144); box-shadow:4px 4px 4px 4px rgb(152, 84, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1533, 15.0297, 28.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 84, 144) }
```

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

```
.background{ background-color: rgb(152, 84,  
144) }
```

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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