

Converting Colors

XYZ(28.1986, 25.1588, 36.1712)

Have a look what the booklet for
XYZ(28.1986, 25.1588, 36.1712)
contains.

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Color

**XYZ(28.1455, 25.0529,
36.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7F9F
RGB	159, 127, 159
RGB Percent	62%, 50%, 62%
CMY	0.3765, 0.5019, 0.3765
CMYK	0.00, 0.20, 0.00, 0.38
HSL	300°, 14%, 56%
HSV	300°, 20%, 62%
XYZ	28.1455, 25.0529, 36.1532
YIQ	140.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

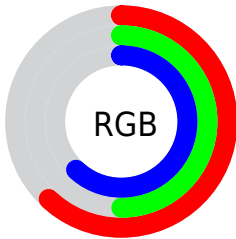
Format	Color
R_{YB}	159, 127, 159
Decimal	10452895
CIE _{Lab}	57.13, 18.07, -12.41
CIE _{LCh}	57, 21.918, 325.510
Yxy	25.0529, 0.3150, 0.2804
Android (android.graphics.Color)	4288642975 (0xFF9F7F9F)
YUV	140.2160, 9.2605, 16.4736
Hunter-Lab	50.0529, 12.7808, -7.7882

Details

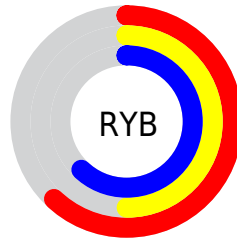
The XYZ color **28.1455, 25.0529, 36.1532** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9823, 30.8414, 24.7163**, and the grayscale version is **24.9746, 26.2752, 28.6137**.

A 20% lighter version of the original color is **56.1904, 51.7937, 70.6540**, and **11.4946, 9.6573, 15.4456** is the 20% darker color. If you saturate the color by 10%, you get **26.2521, 21.2658, 35.5223**, and if you desaturate by 10%, it is **30.3645, 29.4904, 36.8932**.

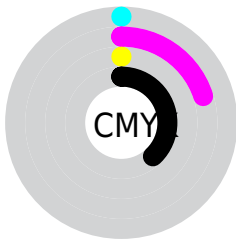
Distribution



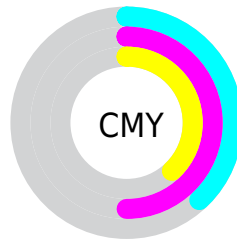
- Red (62%)
- Green (50%)
- Blue (62%)



- Red (62%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1455, 25.0529, 36.1532 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 28.1455, 25.0529, 36.1532 by changing the saturation by 10% instead.

 28.1455, 25.0529,
36.1532


 28.1455, 25.0529,
36.1532


285.2290,
278.1013, 344.6873


 18.5764, 16.1165,
24.2619


 56.1237, 51.7430,
70.4402

 11.4668, 9.6066,
15.3140


 75.2634, 70.2655,
93.6729

 6.4513, 5.1389,
8.8910


 98.3241, 92.7522,
121.5232

 3.1646, 2.3290,
4.5743

125.6711,
119.5873, 154.4097

 1.2414, 0.7890,
1.9454

157.6697,
151.1554, 192.7508

 0.1387, 0.0000,
0.5214

194.6854,

 0.0000, 0.0000,

187.8409, 236.9650

0.0000

237.0833,
230.0280, 287.4710

■ 28.1455, 25.0529,
36.1532

■ 28.1455, 25.0529,
36.1532

■ 26.2521, 21.2658,
35.5223

■ 30.3645, 29.4904,
36.8932

■ 24.6669, 18.0954,
34.9938

■ 32.9209, 34.6032,
37.7454

■ 23.3743, 15.5101,
34.5629

■ 35.8289, 40.4192,
38.7148

■ 22.3563, 13.4741,
34.2235

■ 39.1011, 46.9635,
39.8056

■ 21.5931, 11.9477,
33.9690

■ 42.7494, 54.2602,
41.0218

■ 21.0622, 10.8860,
33.7920

■ 46.7853, 62.3320,
42.3672

■ 20.7372, 10.2361,
33.6836

■ 51.2198, 71.2009,
43.8454

■ 20.5563, 9.8742,
33.6232

■ 56.0633, 80.8880,
45.4600

■ 56.3165, 81.3943,
45.5445

Harmonies

Analogous

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



26.0161, 25.0529, 42.2376



28.1455, 25.0529, 36.1532



29.1155, 25.0529, 28.4072

Triad

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



28.1455, 25.0529, 36.1532



24.2030, 25.0529, 15.4116



19.6043, 25.0529, 33.8755

Complementary

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



28.1455, 25.0529, 36.1532



24.9823, 30.8414, 24.7163

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.



19.1952, 25.0529, 26.1798



28.1455, 25.0529, 36.1532



21.7361, 25.0529, 16.3480

Square

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



28.1455, 25.0529, 36.1532



26.7371, 25.0529, 17.1524



19.9479, 25.0529, 19.9895



21.1085, 25.0529, 40.7646

Rectangle

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



28.1455, 25.0529, 36.1532



28.9265, 25.0529, 23.6481



19.9479, 25.0529, 19.9895



19.3390, 25.0529, 31.2623

Sweetspot

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



28.1463, 25.0540, 36.1537



56.1408, 56.3372, 66.6586



22.6009, 22.1953, 35.8944



12.5958, 12.5790, 15.0078



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.1463, 25.0540, 36.1537



48.8673, 41.7902, 64.2338



26.8463, 24.5340, 29.3082



6.9042, 6.7546, 8.3465



16.2358, 7.7989, 26.5563



0.2903, 0.1394, 0.4748

Inverse Universe

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



28.1463, 25.0540, 36.1537



48.8673, 41.7902, 64.2338



26.1094, 31.2923, 30.6515



6.9042, 6.7546, 8.3465



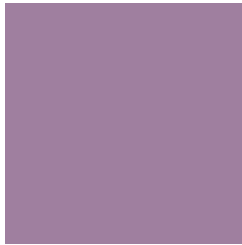
16.2358, 7.7989, 26.5563



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 28.1455, 25.0529, 36.1532 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 28.1455, 25.0529, 36.1532 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 28.1455, 25.0529, 36.1532

Background



This preview shows how black text looks on a background with the XYZ color 28.1455, 25.0529, 36.1532.



This preview shows how white text looks on a background with the XYZ color 28.1455, 25.0529,

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

28.1455, 25.0529, 36.1532

Protanopia

24.9558, 25.1502, 39.1365

Deuteranopia

25.6812, 25.1815, 35.8547



Tritanopia

26.4266, 24.9266, 28.2294

Trichromacy



Original Color

28.1455, 25.0529, 36.1532

Protanomaly

25.9829, 25.0821, 38.1222

Deuteranomaly

26.5006, 24.9971, 35.7759

Tritanomaly

27.0213, 24.9752, 31.0003

Monochromacy



Original Color

28.1455, 25.0529, 36.1532

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9631, 25.6376, 31.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1455, 25.0529, 36.1532 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(159, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 127, 159)  
}
```

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(159, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 127, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.1455, 25.0529, 36.1532 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(159, 127, 159) }
```


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

```
.border{ border-color:rgb(159, 127, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 127, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 127, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 127,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1455, 25.0529, 36.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 127, 159) }
```

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

```
.background{ background-color: rgb(159,  
127, 159) }
```

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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