

Converting Colors

XYZ(24.3495, 17.5422, 27.6938)

Have a look what the booklet for
XYZ(24.3495, 17.5422, 27.6938)
contains.

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Color

**XYZ(24.3495, 17.5422,
27.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	A65B8E
RGB	166, 91, 142
RGB Percent	65%, 36%, 56%
CMY	0.3490, 0.6431, 0.4431
CMYK	0.00, 0.45, 0.14, 0.35
HSL	319°, 30%, 50%
HSV	319°, 45%, 65%
XYZ	24.3495, 17.5422, 27.6938
YIQ	119.2390, 28.3290, 31.7610

Conversions

Conversions Part 2

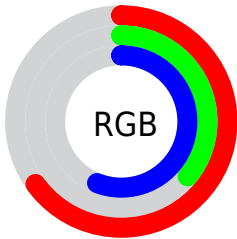
Format	Color
R_{YB}	166, 91, 142
Decimal	10902414
CIE _{Lab}	48.94, 37.66, -14.76
CIE _{LCh}	49, 40.448, 338.599
Yxy	17.5422, 0.3499, 0.2521
Android (android.graphics.Color)	4289092494 (0xFFA65B8E)
YUV	119.2390, 11.2212, 41.0094
Hunter-Lab	41.8834, 30.4775, -9.8849

Details

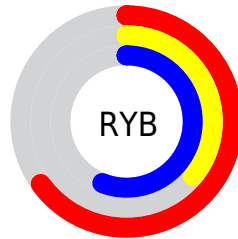
The XYZ color **24.3495, 17.5422, 27.6938** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0460, 30.7350, 21.0443**, and the grayscale version is **17.5701, 18.4851, 20.1303**.

A 20% lighter version of the original color is **50.2177, 39.3184, 57.1670**, and **9.4068, 5.8033, 10.7496** is the 20% darker color. If you saturate the color by 10%, you get **22.6949, 14.8560, 25.2212**, and if you desaturate by 10%, it is **26.3380, 20.8654, 30.3719**.

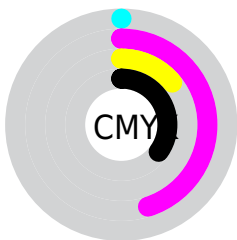
Distribution



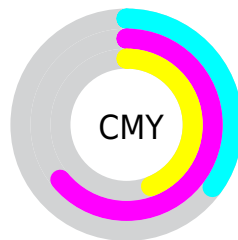
- Red (65%)
- Green (36%)
- Blue (56%)



- Red (65%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (14%)
- Black (35%)





- Cyan (35%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3495, 17.5422, 27.6938 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 24.3495, 17.5422, 27.6938 by changing the saturation by 10% instead.


 24.3495, 17.5422,
27.6938


 24.3495, 17.5422,
27.6938


266.9905,
238.2778, 304.8666


 15.7192, 10.6218,
17.8579


 50.0505, 39.2557,
57.0124


 9.4153, 5.8131,
10.6797


 67.8519, 54.8176,
77.3322

 5.0723, 2.7318,
5.7404

 89.4410, 74.0288,
101.9838

 2.3249, 0.9934,
2.6217

 115.1833, 97.2736,
131.3857

 0.8074, 0.0000,
0.9036

145.4440,
124.9366, 165.9563

 0.0000, 0.0000,
0.0000

180.5885,

157.4020, 206.1143

220.9823,
195.0543, 252.2783

■ 24.3495, 17.5422,
27.6938

■ 24.3495, 17.5422,
27.6938

■ 22.6949, 14.8560,
25.2212

■ 26.3380, 20.8654,
30.3719

■ 21.3515, 12.7624,
22.9446

■ 28.6782, 24.8613,
33.2621

■ 20.2961, 11.2151,
20.8552

■ 31.3883, 29.5658,
36.3720


■ 19.5012, 10.1599,
18.9425


■ 34.4849, 35.0115,
39.7082


■ 18.9328, 9.5288,
17.1937


■ 37.9834, 41.2292,
43.2771

 18.6998, 9.2966,
16.3954

 41.8986, 48.2477,
47.0848

 46.2442, 56.0944,
51.1370

 51.0335, 64.7953,
55.4393

 56.2792, 74.3756,
59.9970

Harmonies

Analogous

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



21.6017, 17.5422, 40.2774



24.3495, 17.5422, 27.6938



24.8904, 17.5422, 16.1693

Triad

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



24.3495, 17.5422, 27.6938



15.6157, 17.5422, 5.0727



11.6381, 17.5422, 35.1453

Complementary

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



24.3495, 17.5422, 27.6938



21.0460, 30.7350, 21.0443

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.



10.4988, 17.5422, 22.3661



24.3495, 17.5422, 27.6938



12.5581, 17.5422, 7.0597

Square

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



24.3495, 17.5422, 27.6938



19.4524, 17.5422, 5.5825



10.8082, 17.5422, 12.4987



14.1724, 17.5422, 45.5850

Rectangle

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



24.3495, 17.5422, 27.6938



23.8591, 17.5422, 10.8059



10.8082, 17.5422, 12.4987



11.0980, 17.5422, 30.8225

Sweetspot

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



24.3500, 17.5430, 27.6942



57.4526, 54.5090, 66.5497



17.6623, 13.8643, 37.8219



12.6115, 11.7695, 14.6199



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.3500, 17.5430, 27.6942



41.2363, 27.0378, 45.8490



22.0047, 16.6049, 15.3436



7.7382, 7.6252, 8.9387



14.5226, 7.2177, 12.8293



0.3751, 0.1843, 0.4267

Inverse Universe

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



24.3500, 17.5430, 27.6942



41.2363, 27.0378, 45.8490



23.6393, 31.7723, 34.7006



7.7382, 7.6252, 8.9387



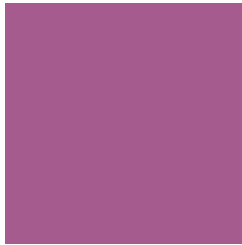
14.5226, 7.2177, 12.8293



0.3751, 0.1843, 0.4267

Previews

White Background



This preview shows how the XYZ color 24.3495, 17.5422, 27.6938 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 24.3495, 17.5422, 27.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

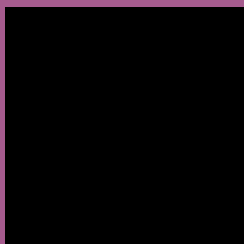
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3495, 17.5422, 27.6938

Background



This preview shows how black text looks on a background with the XYZ color 24.3495, 17.5422, 27.6938.



This preview shows how white text looks on a background with the XYZ color 24.3495, 17.5422,

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

24.3495, 17.5422, 27.6938

Protanopia

18.0977, 17.7077, 35.2650

Deuteranopia

18.0760, 17.7212, 26.5126



Tritanopia

21.8695, 17.4574, 15.8526

Trichromacy



Original Color

24.3495, 17.5422, 27.6938

Protanomaly

19.6562, 17.1200, 32.4055

Deuteranomaly

19.8059, 17.3230, 26.7259

Tritanomaly

22.5262, 17.3029, 19.6053

Monochromacy



Original Color

24.3495, 17.5422, 27.6938

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.4527, 17.7038, 22.4706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3495, 17.5422, 27.6938 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(166, 91, 142)` looks like.

```
.text, #text, p{  
    color:rgb(166, 91, 142)  
}
```

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(166, 91, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 91, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.3495, 17.5422, 27.6938 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(166, 91, 142) }
```


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

```
.border{ border-color:rgb(166, 91, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 91, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 91, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 91, 142);  
box-shadow:4px 4px 4px 4px rgb(166, 91,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3495, 17.5422, 27.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 91, 142) }
```

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

```
.background{ background-color: rgb(166, 91,  
142) }
```

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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