

Converting Colors

XYZ(25.7846, 21.1908, 34.6295)

Have a look what the booklet for
XYZ(25.7846, 21.1908, 34.6295)
contains.

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Color

**XYZ(25.7846, 21.1908,
34.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	9D709D
RGB	157, 112, 157
RGB Percent	62%, 44%, 62%
CMY	0.3843, 0.5608, 0.3843
CMYK	0.00, 0.29, 0.00, 0.38
HSL	300°, 19%, 53%
HSV	300°, 29%, 62%
XYZ	25.7846, 21.1908, 34.6295
YIQ	130.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

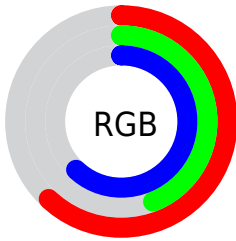
Format	Color
RYB	157, 112, 157
Decimal	10317981
CIELab	53.16, 25.58, -17.28
CIELCh	53, 30.873, 325.961
Yxy	21.1908, 0.3160, 0.2597
Android (android.graphics.Color)	4288508061 (0xFF9D709D)
YUV	130.5850, 13.0226, 23.1660
Hunter-Lab	46.0335, 19.4242, -12.3785

Details

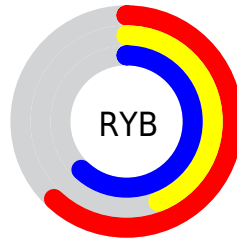
The XYZ color **25.7846, 21.1908, 34.6295** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.6646, 28.7292, 19.7339**, and the grayscale version is **21.3782, 22.4915, 24.4933**.

A 20% lighter version of the original color is **52.3105, 45.3014, 68.2743**, and **10.2047, 7.5989, 14.5646** is the 20% darker color. If you saturate the color by 10%, you get **24.2013, 18.0238, 34.1019**, and if you desaturate by 10%, it is **27.6713, 24.9638, 35.2587**.

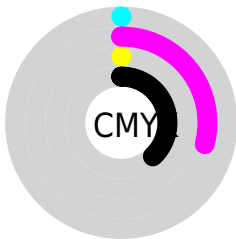
Distribution



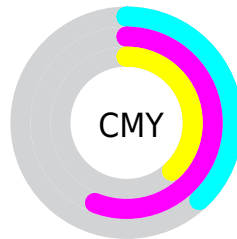
- Red (62%)
- Green (44%)
- Blue (62%)



- Red (62%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7846, 21.1908, 34.6295 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 25.7846, 21.1908, 34.6295 by changing the saturation by 10% instead.

■ 25.7846, 21.1908,
34.6295

■ 25.7846, 21.1908,
34.6295

273.9992,
258.2908, 337.7844

■ 16.7944, 13.2635,
23.0964

■ 52.3610, 45.4049,
68.0565

■ 10.1824, 7.6103,
14.4587

■ 70.6780, 62.4605,
90.7873

■ 5.5833, 3.8466,
8.2980

■ 92.8345, 83.3276,
118.0879

■ 2.6316, 1.5881,
4.1957

■ 119.1961,
108.3907, 150.3766

■ 0.9621, 0.3496,
1.7333

150.1280,
138.0342, 188.0721

■ 0.0000, 0.0000,
0.3834

185.9956,

■ 0.0000, 0.0000,

172.6425, 231.5928

0.0000

227.1642,
212.5998, 281.3574

■ 25.7846, 21.1908,
34.6295

■ 25.7846, 21.1908,
34.6295

■ 24.2013, 18.0238,
34.1019

■ 27.6713, 24.9638,
35.2587

■ 22.9037, 15.4287,
33.6693

■ 29.8739, 29.3690,
35.9929

■ 21.8754, 13.3721,
33.3265

■ 32.4068, 34.4347,
36.8373

■ 21.0975, 11.8162,
33.0672

■ 35.2826, 40.1863,
37.7959

■ 20.5486, 10.7184,
32.8842

■ 38.5136, 46.6483,
38.8730

■ 20.2037, 10.0288,
32.7692

■ 42.1113, 53.8437,
40.0722

■ 20.0134, 9.6482,
32.7057

■ 46.0867, 61.7944,
41.3974

■ 19.9906, 9.6025,
32.6981

■ 50.4503, 70.5217,
42.8520

■ 55.2123, 80.0457,
44.4394

Harmonies

Analogous

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



23.0067, 21.1908, 43.2290



25.7846, 21.1908, 34.6295



27.0507, 21.1908, 24.3588

Triad

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



25.7846, 21.1908, 34.6295



20.5853, 21.1908, 9.4154



15.0224, 21.1908, 31.8415

Complementary

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



25.7846, 21.1908, 34.6295



21.6646, 28.7292, 19.7339

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.



14.5216, 21.1908, 21.8336



25.7846, 21.1908, 34.6295



17.5241, 21.1908, 10.4195

Square

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



25.7846, 21.1908, 34.6295



23.8511, 21.1908, 11.1804



15.3879, 21.1908, 14.4248



16.8374, 21.1908, 41.3386

Rectangle

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



25.7846, 21.1908, 34.6295



26.7769, 21.1908, 18.4875



15.3879, 21.1908, 14.4248



14.7038, 21.1908, 28.3605

Sweetspot

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



25.7853, 21.1917, 34.6300



53.2841, 52.1633, 64.3868



18.5631, 17.4685, 34.2921



11.6001, 11.2287, 14.1263



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.7853, 21.1917, 34.6300



44.4147, 34.4246, 61.4301



24.0376, 20.4927, 25.4270



6.9042, 6.7546, 8.3465



16.2358, 7.7989, 26.5565



0.2903, 0.1394, 0.4748

Inverse Universe

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



25.7853, 21.1917, 34.6300



44.4147, 34.4246, 61.4301



23.0779, 29.2945, 27.1765



6.9042, 6.7546, 8.3465



16.2358, 7.7989, 26.5565



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 25.7846, 21.1908, 34.6295 looks on a white background.

Color Contrast Check

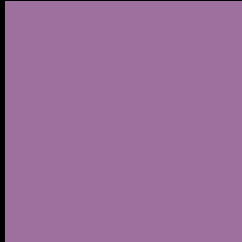
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7846, 21.1908, 34.6295 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 25.7846, 21.1908, 34.6295

Background



This preview shows how black text looks on a background with the XYZ color 25.7846, 21.1908, 34.6295.



This preview shows how white text looks on a background with the XYZ color 25.7846, 21.1908,

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

25.7846, 21.1908, 34.6295

Protanopia

21.6384, 21.4247, 39.5541

Deuteranopia

21.7282, 21.2175, 33.9605



Tritanopia

23.4461, 21.2615, 22.9468

Trichromacy



Original Color

25.7846, 21.1908, 34.6295

Protanomaly

22.8083, 21.1444, 37.5295

Deuteranomaly

23.0337, 21.1516, 34.3211

Tritanomaly

24.1593, 21.1958, 26.8626

Monochromacy



Original Color

25.7846, 21.1908, 34.6295

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.7565, 21.8842, 27.8356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7846, 21.1908, 34.6295 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(157, 112, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 112, 157)  
}
```

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(157, 112, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 112, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.7846, 21.1908, 34.6295 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(157, 112, 157) }
```


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

```
.border{ border-color:rgb(157, 112, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 112, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 112, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 112, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 112,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7846, 21.1908, 34.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 112, 157) }
```

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

```
.background{ background-color: rgb(157,  
112, 157) }
```

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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