

Converting Colors

XYZ(25.6445, 21.1573, 32.8692)

Have a look what the booklet for
XYZ(25.6445, 21.1573, 32.8692)
contains.

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Color

**XYZ(25.6445, 21.1573,
32.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7099
RGB	158, 112, 153
RGB Percent	62%, 44%, 60%
CMY	0.3804, 0.5608, 0.4000
CMYK	0.00, 0.29, 0.03, 0.38
HSL	307°, 19%, 53%
HSV	307°, 29%, 62%
XYZ	25.6445, 21.1573, 32.8692
YIQ	130.4280, 14.2550, 22.5030

Conversions

Conversions Part 2

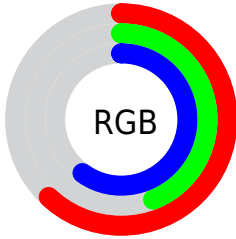
Format	Color
R_{YB}	158, 112, 153
Decimal	10383513
CIE _{Lab}	53.12, 25.15, -14.99
CIE _{LCh}	53, 29.281, 329.206
Yxy	21.1573, 0.3219, 0.2656
Android (android.graphics.Color)	4288573593 (0xFF9E7099)
YUV	130.4280, 11.1280, 24.1806
Hunter-Lab	45.9971, 19.0233, -10.1703

Details

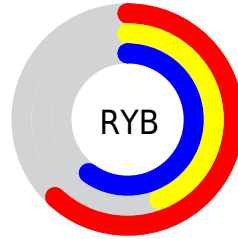
The XYZ color **25.6445, 21.1573, 32.8692** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.1207, 29.1835, 21.2979**, and the grayscale version is **21.3284, 22.4392, 24.4363**.

A 20% lighter version of the original color is **51.9785, 45.2020, 65.0168**, and **10.1196, 7.5785, 13.4998** is the 20% darker color. If you saturate the color by 10%, you get **23.9112, 17.9157, 31.5967**, and if you desaturate by 10%, it is **27.6871, 25.0134, 34.2553**.

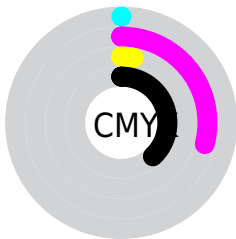
Distribution



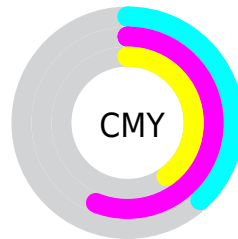
- Red (62%)
- Green (44%)
- Blue (60%)



- Red (62%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (38%)




- Cyan (38%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6445, 21.1573, 32.8692 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 25.6445, 21.1573, 32.8692 by changing the saturation by 10% instead.


 25.6445, 21.1573,
32.8692


 25.6445, 21.1573,
32.8692


273.3214,
258.1133, 329.6738


 16.6892, 13.2390,
21.7560


 52.1363, 45.3492,
65.2849

 10.1070, 7.5934,
13.4811


 70.4034, 62.3916,
87.4245

 5.5328, 3.8359,
7.6261


 92.5052, 83.2441,
114.0766

 2.6011, 1.5822,
3.7723

 118.8070,
108.2913, 145.6597

 0.9465, 0.3455,
1.5013

149.6742,
137.9174, 182.5925

 0.0000, 0.0000,
0.2189

185.4721,

 0.0000, 0.0000,

172.5068, 225.2934

0.0000

226.5660,
212.4440, 274.1810

■ 25.6445, 21.1573,
32.8692

■ 25.6445, 21.1573,
32.8692

■ 23.9112, 17.9157,
31.5967

■ 27.6871, 25.0134,
34.2553

■ 22.4691, 15.2538,
30.4311

■ 30.0518, 29.5110,
35.7587

■ 21.3016, 13.1377,
29.3671

■ 32.7532, 34.6785,
37.3845

■ 20.3893, 11.5288,
28.3980

■ 35.8043, 40.5421,
39.1370

■ 19.7104, 10.3833,
27.5166

■ 39.2175, 47.1266,
41.0204

■ 19.2392, 9.6504,
26.7144

■ 43.0045, 54.4553,
43.0388

■ 18.9221, 9.2221,
25.9733

■ 47.1765, 62.5508,
45.1958

■ 18.8955, 9.1871,
25.9085

■ 51.7443, 71.4344,
47.4951

■ 56.7182, 81.1269,
49.9402

Harmonies

Analogous

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



23.1433, 21.1573, 41.2642



25.6445, 21.1573, 32.8692



26.6395, 21.1573, 23.2729

Triad

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



25.6445, 21.1573, 32.8692



20.1917, 21.1573, 9.8878



15.3654, 21.1573, 32.3551

Complementary

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



25.6445, 21.1573, 32.8692



22.1207, 29.1835, 21.2979

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.



14.7445, 21.1573, 22.8021



25.6445, 21.1573, 32.8692



17.3529, 21.1573, 11.1666

Square

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



25.6445, 21.1573, 32.8692



23.3001, 21.1573, 11.3125



15.4342, 21.1573, 15.3912



17.2241, 21.1573, 40.9179

Rectangle

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



25.6445, 21.1573, 32.8692



26.2441, 21.1573, 17.8902



15.4342, 21.1573, 15.3912



15.0139, 21.1573, 29.0861

Sweetspot

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



25.6452, 21.1582, 32.8696



54.5440, 53.5353, 64.9186



19.2491, 17.8122, 34.7718



12.1549, 11.7988, 14.5478



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.



25.6452, 21.1582, 32.8696



44.4403, 34.4313, 58.1487



23.9517, 20.4808, 23.9518



6.8731, 6.7422, 8.1827



15.1419, 7.3613, 20.7961



0.2787, 0.1348, 0.4140

Inverse Universe

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



25.6452, 21.1582, 32.8696



44.4403, 34.4313, 58.1487



23.6139, 29.7808, 29.1611



6.8731, 6.7422, 8.1827



15.1419, 7.3613, 20.7961



0.2787, 0.1348, 0.4140

Previews

White Background



This preview shows how the XYZ color 25.6445, 21.1573, 32.8692 looks on a white background.

Color Contrast Check

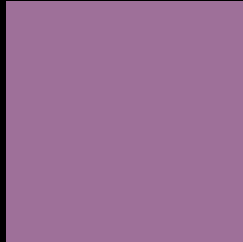
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6445, 21.1573, 32.8692 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 25.6445, 21.1573, 32.8692

Background



This preview shows how black text looks on a background with the XYZ color 25.6445, 21.1573, 32.8692.



This preview shows how white text looks on a background with the XYZ color 25.6445, 21.1573,

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

25.6445, 21.1573, 32.8692

Protanopia

21.5429, 21.4176, 37.6489

Deuteranopia

21.6957, 21.2389, 32.2342



Tritanopia

23.4536, 21.0990, 22.5750

Trichromacy



Original Color

25.6445, 21.1573, 32.8692

Protanomaly

22.7682, 21.1645, 35.6860

Deuteranomaly

23.0314, 21.1889, 32.5817

Tritanomaly

24.0922, 21.0076, 26.0776

Monochromacy



Original Color

25.6445, 21.1573, 32.8692

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4856, 21.5763, 27.0243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6445, 21.1573, 32.8692 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(158, 112, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 112, 153)  
}
```

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(158, 112, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 112, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.6445, 21.1573, 32.8692 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(158, 112, 153) }
```


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

```
.border{ border-color:rgb(158, 112, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 112, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 112, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 112, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 112,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6445, 21.1573, 32.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 112, 153) }
```

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

```
.background{ background-color: rgb(158,  
112, 153) }
```

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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