

Converting Colors

XYZ(24.7092, 21.7176, 24.9567)

Have a look what the booklet for
XYZ(24.7092, 21.7176, 24.9567)
contains.

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Color

**XYZ(24.6955, 21.6851,
25.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7585
RGB	158, 117, 133
RGB Percent	62%, 46%, 52%
CMY	0.3804, 0.5412, 0.4784
CMYK	0.00, 0.26, 0.16, 0.38
HSL	337°, 17%, 54%
HSV	337°, 26%, 62%
XYZ	24.6955, 21.6851, 25.0744
YIQ	131.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

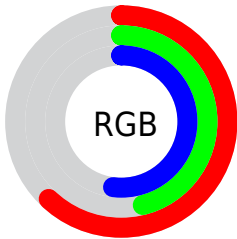
Format	Color
R_{YB}	158, 117, 133
Decimal	10384773
CIE _{Lab}	53.69, 18.66, -2.43
CIE _{LCh}	54, 18.818, 352.574
Yxy	21.6851, 0.3456, 0.3035
Android (android.graphics.Color)	4288574853 (0xFF9E7585)
YUV	131.0830, 0.9451, 23.6062
Hunter-Lab	46.5673, 13.1692, 0.6721

Details

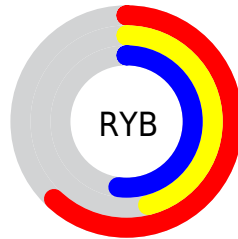
The XYZ color **24.6955, 21.6851, 25.0744** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4463, 30.1892, 30.1312**, and the grayscale version is **21.5954, 22.7201, 24.7421**.

A 20% lighter version of the original color is **50.4915, 46.0672, 52.6851**, and **9.6112, 7.8385, 9.3939** is the 20% darker color. If you saturate the color by 10%, you get **22.3723, 18.0554, 21.1652**, and if you desaturate by 10%, it is **27.3917, 25.9627, 29.4098**.

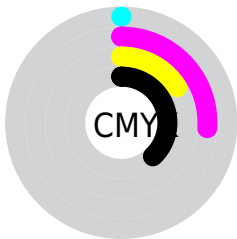
Distribution



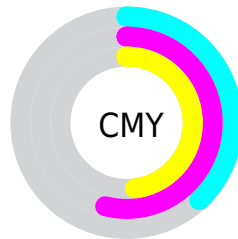
- Red (62%)
- Green (46%)
- Blue (52%)



- Red (62%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)
- Black (38%)





- Cyan (38%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6955, 21.6851, 25.0744 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 24.6955, 21.6851, 25.0744 by changing the saturation by 10% instead.


 24.6955, 21.6851,
25.0744


 24.6955, 21.6851,
25.0744


268.6938,
260.8974, 291.6678


 15.9779, 13.6257,
15.9130


 50.6093, 46.2250,
52.7435

 9.5992, 7.8608,
9.3089


 68.5361, 63.4743,
72.0883

 5.1943, 4.0060,
4.8437

 90.2634, 84.5556,
95.6646

 2.3976, 1.6769,
2.0987

116.1564,
109.8534, 123.8909

 0.8439, 0.4086,
0.6150

146.5807,
139.7521, 157.1859

 0.0000, 0.0000,
0.0000

181.9014,

174.6361, 195.9680

222.4840,
214.8897, 240.6558

■ 24.6955, 21.6851,
25.0744

■ 24.6955, 21.6851,
25.0744

■ 22.3723, 18.0554,
21.1652

■ 27.3917, 25.9627,
29.4098

■ 20.4030, 15.0387,
17.6669

■ 30.4753, 30.9148,
34.1830

■ 18.7697, 12.6015,
14.5655

■ 33.9617, 36.5702,
39.4071

■ 17.4519, 10.7057,
11.8452

■ 37.8655, 42.9550,
45.0940

■ 16.4267, 9.3087,
9.4893

■ 42.2000, 50.0942,
51.2552

■ 15.6681, 8.3614,
7.4793

■ 46.9783, 58.0115,
57.9018

■ 15.1406, 7.7963,
5.7929

■ 52.2127, 66.7294,
65.0445

■ 14.9607, 7.6132,
5.1886

■ 57.9152, 76.2697,
72.6937

■ 62.7411, 83.9413,
80.4073

Harmonies

Analogous

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



23.8426, 21.6851, 31.0152



24.6955, 21.6851, 25.0744



24.3986, 21.6851, 19.6039

Triad

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



24.6955, 21.6851, 25.0744



19.1596, 21.6851, 14.7780



18.3455, 21.6851, 33.5619

Complementary

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



24.6955, 21.6851, 25.0744



24.4463, 30.1892, 30.1312

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.



17.2373, 21.6851, 28.1309



24.6955, 21.6851, 25.0744



17.6855, 21.6851, 17.4909

Square

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



24.6955, 21.6851, 25.0744



21.1157, 21.6851, 14.2311



17.0038, 21.6851, 22.2064



20.1144, 21.6851, 36.4082

Rectangle

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



24.6955, 21.6851, 25.0744



23.5971, 21.6851, 16.8735



17.0038, 21.6851, 22.2064



17.8882, 21.6851, 31.9396

Sweetspot

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



24.6961, 21.6861, 25.0748



54.0435, 54.0460, 60.0912



23.6205, 20.9077, 35.1388



11.9970, 11.8835, 13.2600



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.



24.6961, 21.6861, 25.0748



42.3788, 35.5103, 41.4248



24.1617, 22.2535, 19.8526



6.7349, 6.6869, 7.4549



12.0001, 6.1046, 4.2516



0.2346, 0.1172, 0.1817

Inverse Universe

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



24.6961, 21.6861, 25.0748



42.3788, 35.5103, 41.4248



25.0475, 29.3294, 36.6891



6.7349, 6.6869, 7.4549



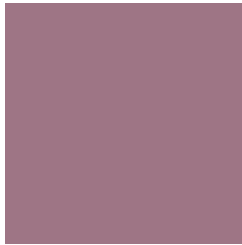
12.0001, 6.1046, 4.2516



0.2346, 0.1172, 0.1817

Previews

White Background



This preview shows how the XYZ color 24.6955, 21.6851, 25.0744 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 24.6955, 21.6851, 25.0744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

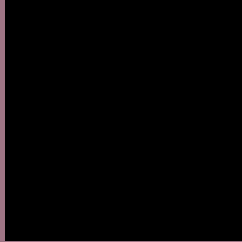
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6955, 21.6851, 25.0744

Background



This preview shows how black text looks on a background with the XYZ color 24.6955, 21.6851, 25.0744.



This preview shows how white text looks on a background with the XYZ color 24.6955, 21.6851,

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

24.6955, 21.6851, 25.0744

Protanopia

21.2815, 21.8916, 27.5299

Deuteranopia

22.3137, 21.9086, 24.8825



Tritanopia

24.2138, 21.6573, 22.9827

Trichromacy



Original Color

24.6955, 21.6851, 25.0744

Protanomaly

22.3705, 21.7104, 26.6784

Deuteranomaly

23.1570, 21.7881, 24.8148

Tritanomaly

24.3455, 21.7099, 23.6762

Monochromacy



Original Color

24.6955, 21.6851, 25.0744

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6102, 22.2504, 24.9329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6955, 21.6851, 25.0744 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, 117, 133)` looks like.

```
.text, #text, p{  
    color:rgb(158, 117, 133)  
}
```

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, 117, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 117, 133) }
```

Border

The CSS property to change the border of an element to XYZ 24.6955, 21.6851, 25.0744 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, 117, 133) }
```


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

```
.border{ border-color:rgb(158, 117, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 117, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 117, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 117, 133);  
box-shadow:4px 4px 4px 4px rgb(158, 117,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6955, 21.6851, 25.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 117, 133) }
```

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

```
.background{ background-color: rgb(158,  
117, 133) }
```

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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