

Converting Colors

XYZ(25.1004, 22.4966, 20.7886)

Have a look what the booklet for
XYZ(25.1004, 22.4966, 20.7886)
contains.

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Color

**XYZ(25.2109, 22.5755,
20.7981)**

Conversions

Conversions Part 1

Format	Color
Hex	A37878
RGB	163, 120, 120
RGB Percent	64%, 47%, 47%
CMY	0.3608, 0.5294, 0.5294
CMYK	0.00, 0.26, 0.26, 0.36
HSL	0°, 19%, 55%
HSV	0°, 26%, 64%
XYZ	25.2109, 22.5755, 20.7981
YIQ	132.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

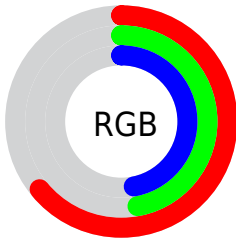
Format	Color
R_{YB}	163, 120, 120
Decimal	10713208
CIE _{Lab}	54.63, 16.81, 6.60
CIE _{LCh}	55, 18.056, 21.433
Yxy	22.5755, 0.3676, 0.3292
Android (android.graphics.Color)	4288903288 (0xFFA37878)
YUV	132.8570, -6.3385, 26.4354
Hunter-Lab	47.5137, 11.5637, 7.3066

Details

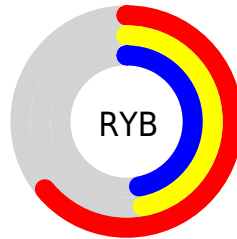
The XYZ color **25.2109, 22.5755, 20.7981** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4535, 32.8310, 39.5406**, and the grayscale version is **22.2586, 23.4178, 25.5019**.

A 20% lighter version of the original color is **51.4123, 47.5437, 45.4968**, and **9.8533, 8.2894, 7.2116** is the 20% darker color. If you saturate the color by 10%, you get **22.5085, 18.6213, 15.4252**, and if you desaturate by 10%, it is **28.4166, 27.2665, 27.1701**.

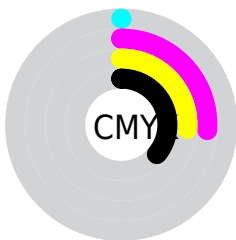
Distribution



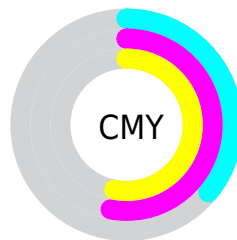
- Red (64%)
- Green (47%)
- Blue (47%)



- Red (64%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (26%)
- Black (36%)





- Cyan (36%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2109, 22.5755, 20.7981 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 25.2109, 22.5755, 20.7981 by changing the saturation by 10% instead.


 25.2109, 22.5755,
20.7981


 25.2109, 22.5755,
20.7981


271.2149,
265.5371, 268.9493


 16.3638, 14.2804,
12.7867


 51.4396, 47.6954,
45.6277

 9.8744, 8.3159,
7.1528


 69.5519, 65.2889,
63.2830

 5.3774, 4.2978,
3.4780


 91.4834, 86.7506,
84.9899

 2.5074, 1.8415,
1.3436

117.5993,
112.4651, 111.1672

 0.8990, 0.5128,
0.0971

148.2651,
142.8165, 142.2332

 0.0000, 0.0000,
0.0000

183.8460,

178.1894, 178.6065

224.7075,
218.9682, 220.7057

■ 25.2109, 22.5755,
20.7981

■ 25.2109, 22.5755,
20.7981

■ 22.5085, 18.6213,
15.4252

■ 28.4166, 27.2665,
27.1701

■ 20.2822, 15.3636,
10.9994

■ 32.1474, 32.7257,
34.5869

■ 18.5050, 12.7629,
7.4664


■ 36.4260, 38.9865,
43.0928


■ 17.1463, 10.7747,
4.7655

■ 41.2733, 46.0794,
52.7293


■ 16.1718, 9.3488,
2.8285


■ 46.7091, 54.0334,
63.5357


 15.5420, 8.4272,
1.5767


 52.7522, 62.8760,
75.5494

 15.2008, 7.9278,
0.8985

 59.4205, 72.6336,
88.8061

 15.1045, 7.7868,
0.7069

 66.7313, 83.3312,
103.3402

 68.9143, 86.5266,
107.6769

Harmonies

Analogous

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



25.4582, 22.5755, 26.2459



25.2109, 22.5755, 20.7981



23.9265, 22.5755, 16.9847

Triad

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



25.2109, 22.5755, 20.7981



18.6086, 22.5755, 18.3751



20.8936, 22.5755, 37.0554

Complementary

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



25.2109, 22.5755, 20.7981



27.4535, 32.8310, 39.5406

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.



19.1641, 22.5755, 34.1592



25.2109, 22.5755, 20.7981



17.8992, 22.5755, 22.9878

Square

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



25.2109, 22.5755, 20.7981



20.0923, 22.5755, 15.7432



18.0962, 22.5755, 28.7966



22.8828, 22.5755, 36.2279

Rectangle

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



25.2109, 22.5755, 20.7981



22.6961, 22.5755, 15.6047



18.0962, 22.5755, 28.7966



20.2645, 22.5755, 36.4707

Sweetspot

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



25.2115, 22.5766, 20.7986



56.3213, 56.7769, 59.4533



28.4318, 23.8641, 37.7582



12.4234, 12.4210, 12.9034



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2115, 22.5766, 20.7986



42.0408, 35.8806, 31.0642



28.0934, 28.3404, 21.7592



7.0738, 7.0860, 7.3750



11.7389, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



27.4535, 32.8310, 39.5406



46.7825, 57.5680, 70.7022



23.9557, 25.8353, 38.3746



7.2761, 8.0112, 9.0659



15.3154, 22.4101, 30.4482



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 25.2109, 22.5755, 20.7981 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 25.2109, 22.5755, 20.7981 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 25.2109, 22.5755, 20.7981

Background



This preview shows how black text looks on a background with the XYZ color 25.2109, 22.5755, 20.7981.



This preview shows how white text looks on a background with the XYZ color 25.2109, 22.5755,

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

25.2109, 22.5755, 20.7981

Protanopia

21.7402, 22.6225, 22.9594

Deuteranopia

23.0034, 22.5495, 20.5928



Tritanopia

25.8029, 22.6447, 23.4330

Trichromacy



Original Color

25.2109, 22.5755, 20.7981

Protanomaly

22.7760, 22.3967, 22.1914

Deuteranomaly

23.6743, 22.5195, 20.5517

Tritanomaly

25.6083, 22.5668, 22.4082

Monochromacy



Original Color

25.2109, 22.5755, 20.7981

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.1171, 22.9261, 23.6289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2109, 22.5755, 20.7981 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(163, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(163, 120, 120)  
}
```

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(163, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.2109, 22.5755, 20.7981 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(163, 120, 120) }
```


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

```
.border{ border-color:rgb(163, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(163, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2109, 22.5755, 20.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 120, 120) }
```

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

```
.background{ background-color: rgb(163,  
120, 120) }
```

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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