

Converting Colors

XYZ(25.1084, 20.7729, 20.3417)

Have a look what the booklet for
XYZ(25.1084, 20.7729, 20.3417)
contains.

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Color

**XYZ(25.1145, 20.8328,
20.4667)**

Conversions

Conversions Part 1

Format	Color
Hex	A86E78
RGB	168, 110, 120
RGB Percent	66%, 43%, 47%
CMY	0.3412, 0.5686, 0.5294
CMYK	0.00, 0.35, 0.29, 0.34
HSL	350°, 25%, 55%
HSV	350°, 35%, 66%
XYZ	25.1145, 20.8328, 20.4667
YIQ	128.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

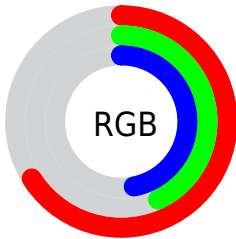
Format	Color
R_{YB}	168, 110, 120
Decimal	11038328
CIE _{Lab}	52.77, 24.44, 4.00
CIE _{LCh}	53, 24.767, 9.283
Yxy	20.8328, 0.3782, 0.3137
Android (android.graphics.Color)	4289228408 (0xFFA86E78)
YUV	128.4820, -4.1816, 34.6573
Hunter-Lab	45.6430, 18.3423, 5.3639

Details

The XYZ color **25.1145, 20.8328, 20.4667** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6055, 33.7893, 37.4693**, and the grayscale version is **20.6923, 21.7699, 23.7075**.

A 20% lighter version of the original color is **51.1072, 44.6665, 44.9576**, and **9.7779, 7.3828, 7.0406** is the 20% darker color. If you saturate the color by 10%, you get **22.6873, 17.2321, 15.7923**, and if you desaturate by 10%, it is **28.0091, 25.1718, 25.9019**.

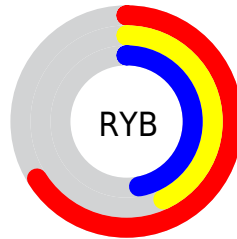
Distribution



Red (66%)

Green (43%)

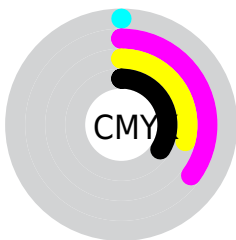
Blue (47%)



Red (66%)

Yellow (43%)

Blue (47%)

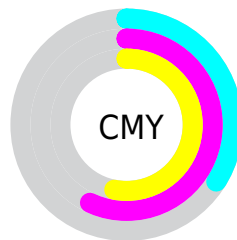


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (34%)



Cyan (34%)


Magenta (57%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1145, 20.8328, 20.4667 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 25.1145, 20.8328, 20.4667 by changing the saturation by 10% instead.


 25.1145, 20.8328,
20.4667


 25.1145, 20.8328,
20.4667


270.7448,
256.3886, 267.1179


 16.2916, 13.0018,
12.5473


 51.2845, 44.8091,
45.0675


 9.8229, 7.4298,
6.9905


 69.3622, 61.7232,
62.5859

 5.3430, 3.7323,
3.3778


 91.2556, 82.4339,
84.1412

 2.4867, 1.5250,
1.2906

 117.3300,
107.3254, 110.1517

 0.8886, 0.3062,
0.0541

147.9508,
136.7823, 141.0361

 0.0000, 0.0000,
0.0000

183.4833,

171.1888, 177.2129

224.2928,
210.9295, 219.1007

■ 25.1145, 20.8328,
20.4667

■ 25.1145, 20.8328,
20.4667

■ 22.6873, 17.2321,
15.7923

■ 28.0091, 25.1718,
25.9019

■ 20.7010, 14.3257,
11.8433

■ 31.3921, 30.2839,
32.1288

■ 19.1291, 12.0695,
8.5833


■ 35.2857, 36.2055,
39.1778


■ 17.9416, 10.4130,
5.9721


■ 39.7098, 42.9695,
47.0775


■ 17.1040, 9.2983,
3.9653


■ 44.6834, 50.6074,
55.8552

 16.5756, 8.6555,
2.5125

 50.2247, 59.1486,
65.5368

 16.3696, 8.4133,
1.9207

 56.3507, 68.6214,
76.1471

 63.0781, 79.0529,
87.7102

 68.4113, 86.4460,
99.5786

Harmonies

Analogous

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



24.8158, 20.8328, 28.0927



25.1145, 20.8328, 20.4667



23.8967, 20.8328, 14.8209

Triad

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



25.1145, 20.8328, 20.4667



16.8216, 20.8328, 13.3636



18.0965, 20.8328, 38.7464

Complementary

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



25.1145, 20.8328, 20.4667



26.6055, 33.7893, 37.4693

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.



16.2022, 20.8328, 32.9266



25.1145, 20.8328, 20.4667



15.5118, 20.8328, 18.0172

Square

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



25.1145, 20.8328, 20.4667



19.0110, 20.8328, 11.3478



15.2953, 20.8328, 25.0546



20.6125, 20.8328, 39.8032

Rectangle

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



25.1145, 20.8328, 20.4667



22.4460, 20.8328, 12.5259



15.2953, 20.8328, 25.0546



17.3723, 20.8328, 37.2302

Sweetspot

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



25.1151, 20.8338, 20.4671



59.9144, 59.4315, 63.6644



26.6207, 21.1852, 39.7318



12.8555, 12.6447, 13.5074



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.



25.1151, 20.8338, 20.4671



42.3070, 32.9501, 30.8714



26.7307, 24.9857, 18.1671



7.5819, 7.5626, 8.1157



12.3755, 6.3589, 1.5229



0.3160, 0.1607, 0.1153

Inverse Universe

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



25.1151, 20.8338, 20.4671



42.3070, 32.9501, 30.8714



24.3470, 27.8388, 41.1359



7.5819, 7.5626, 8.1157



12.3755, 6.3589, 1.5229



0.3160, 0.1607, 0.1153

Previews

White Background



This preview shows how the XYZ color 25.1145, 20.8328, 20.4667 looks on a white background.

Color Contrast Check

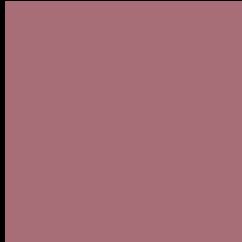
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1145, 20.8328, 20.4667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

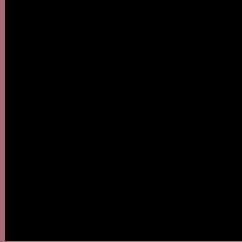
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1145, 20.8328, 20.4667

Background



This preview shows how black text looks on a background with the XYZ color 25.1145, 20.8328, 20.4667.



This preview shows how white text looks on a background with the XYZ color 25.1145, 20.8328,

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

25.1145, 20.8328, 20.4667

Protanopia

20.3254, 21.0959, 23.7695

Deuteranopia

21.3849, 20.9779, 20.0616



Tritanopia

25.0542, 20.8086, 20.1487

Trichromacy



Original Color

25.1145, 20.8328, 20.4667

Protanomaly

21.8101, 20.7789, 22.5999

Deuteranomaly

22.5707, 20.8681, 20.2911

Tritanomaly

25.0542, 20.8086, 20.1487

Monochromacy



Original Color

25.1145, 20.8328, 20.4667

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8667, 20.9951, 22.3020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1145, 20.8328, 20.4667 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(168, 110, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 110, 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(168, 110, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 110, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.1145, 20.8328, 20.4667 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(168, 110, 120) }
```


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

```
.border{ border-color:rgb(168, 110, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 110, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 110, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 110, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 110,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1145, 20.8328, 20.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 110, 120) }
```

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

```
.background{ background-color: rgb(168,  
110, 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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