

Converting Colors

XYZ(25.7220, 20.9790, 23.6525)

Have a look what the booklet for
XYZ(25.7220, 20.9790, 23.6525)
contains.

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Color

**XYZ(25.6464, 20.8738,
23.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	A86D82
RGB	168, 109, 130
RGB Percent	66%, 43%, 51%
CMY	0.3412, 0.5725, 0.4902
CMYK	0.00, 0.35, 0.23, 0.34
HSL	339°, 25%, 54%
HSV	339°, 35%, 66%
XYZ	25.6464, 20.8738, 23.7964
YIQ	129.0350, 28.4230, 19.0390

Conversions

Conversions Part 2

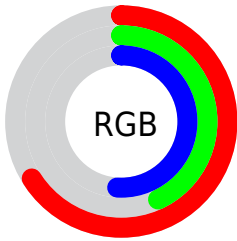
Format	Color
R_{YB}	168, 109, 130
Decimal	11038082
CIE _{Lab}	52.81, 26.50, -1.83
CIE _{LCh}	53, 26.560, 356.048
Yxy	20.8738, 0.3647, 0.2969
Android (android.graphics.Color)	4289228162 (0xFFA86D82)
YUV	129.0350, 0.4757, 34.1723
Hunter-Lab	45.6879, 20.2454, 1.1005

Details

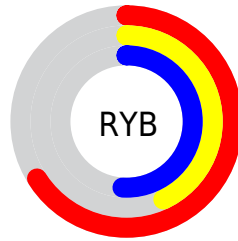
The XYZ color **25.6464, 20.8738, 23.7964** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5767, 33.3637, 32.6973**, and the grayscale version is **20.8704, 21.9573, 23.9115**.

A 20% lighter version of the original color is **52.0326, 44.7559, 50.6961**, and **10.1713, 7.4706, 8.6905** is the 20% darker color. If you saturate the color by 10%, you get **23.3340, 17.3508, 19.6286**, and if you desaturate by 10%, it is **28.3789, 25.1144, 28.4816**.

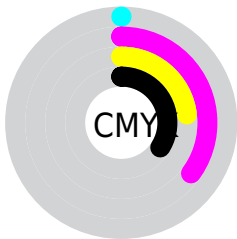
Distribution



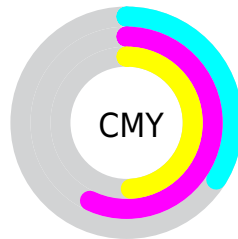
- Red (66%)
- Green (43%)
- Blue (51%)



- Red (66%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (34%)





- Cyan (34%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6464, 20.8738, 23.7964 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 25.6464, 20.8738, 23.7964 by changing the saturation by 10% instead.


 25.6464, 20.8738,
23.7964


 25.6464, 20.8738,
23.7964


273.3306,
256.6071, 285.0429


 16.6906, 13.0318,
14.9719


 52.1393, 44.8774,
50.6374


 10.1081, 7.4504,
8.6532

 70.4072, 61.8078,
69.4910

 5.5335, 3.7454,
4.4220

 92.5097, 82.5364,
92.5246

 2.6015, 1.5322,
1.8596

 118.8123,
107.4477, 120.1568

 0.9467, 0.3112,
0.4668

149.6803,
136.9260, 152.8062

 0.0000, 0.0000,
0.0000

185.4792,

171.3557, 190.8914

226.5741,
211.1213, 234.8307

■ 25.6464, 20.8738,
23.7964

■ 25.6464, 20.8738,
23.7964

■ 23.3340, 17.3508,
19.6286

■ 28.3789, 25.1144,
28.4816

■ 21.4181, 14.5024,
15.9580

■ 31.5500, 30.1065,
33.7008

■ 19.8751, 12.2854,
12.7649

■ 35.1793, 35.8856,
39.4714

■ 18.6784, 10.6505,
10.0275

■ 39.2845, 42.4840,
45.8095

■ 17.7972, 9.5407,
7.7220

■ 43.8824, 49.9319,
52.7305

■ 17.1939, 8.8855,
5.8212

■ 48.9890, 58.2584,
60.2494

■ 16.9587, 8.6489,
5.0216

■ 54.6196, 67.4910,
68.3803

■ 60.7888, 77.6559,
77.1372

■ 65.8276, 85.4125,
85.9722

Harmonies

Analogous

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



24.5977, 20.8738, 32.3637



25.6464, 20.8738, 23.7964



25.0241, 20.8738, 16.6623

Triad

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



25.6464, 20.8738, 23.7964



17.5902, 20.8738, 11.5873



17.0095, 20.8738, 37.8871

Complementary

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



25.6464, 20.8738, 23.7964



25.5767, 33.3637, 32.6973

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.



15.4263, 20.8738, 30.1116



25.6464, 20.8738, 23.7964



15.7390, 20.8738, 15.2242

Square

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



25.6464, 20.8738, 23.7964



20.2095, 20.8738, 10.6476



14.9835, 20.8738, 21.6921



19.4748, 20.8738, 41.6107

Rectangle

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



25.6464, 20.8738, 23.7964



23.7739, 20.8738, 13.4147



14.9835, 20.8738, 21.6921



16.3658, 20.8738, 35.5837

Sweetspot

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



25.6470, 20.8748, 23.7968



59.7291, 58.5645, 65.1334



24.4567, 19.9102, 39.6002



12.8379, 12.4776, 13.9076



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.



25.6470, 20.8748, 23.7968



43.2611, 32.8727, 37.3108



25.2553, 22.1215, 17.4079



7.6373, 7.5848, 8.4072



12.8289, 6.5403, 3.9108



0.3365, 0.1689, 0.2233

Inverse Universe

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



25.6470, 20.8748, 23.7968



43.2611, 32.8727, 37.3108



25.9693, 31.2669, 41.7125



7.6373, 7.5848, 8.4072



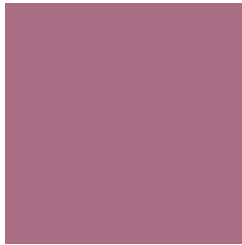
12.8289, 6.5403, 3.9108



0.3365, 0.1689, 0.2233

Previews

White Background



This preview shows how the XYZ color 25.6464, 20.8738, 23.7964 looks on a white background.

Color Contrast Check

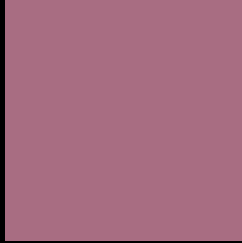
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6464, 20.8738, 23.7964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

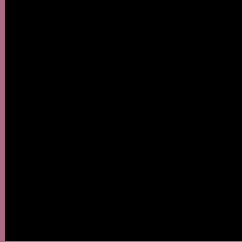
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6464, 20.8738, 23.7964

Background



This preview shows how black text looks on a background with the XYZ color 25.6464, 20.8738, 23.7964.



This preview shows how white text looks on a background with the XYZ color 25.6464, 20.8738,

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

25.6464, 20.8738, 23.7964

Protanopia

20.6519, 21.1751, 27.8097

Deuteranopia

21.3370, 20.8809, 23.3279



Tritanopia

24.9506, 20.9163, 20.1750

Trichromacy



Original Color

25.6464, 20.8738, 23.7964

Protanomaly

22.1449, 20.8732, 26.1543

Deuteranomaly

22.7182, 20.6971, 23.5664

Tritanomaly

25.0874, 20.7974, 21.4309

Monochromacy



Original Color

25.6464, 20.8738, 23.7964

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2497, 21.3437, 23.7159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6464, 20.8738, 23.7964 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, 109, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 130)  
}
```

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, 109, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 130) }
```

Border

The CSS property to change the border of an element to XYZ 25.6464, 20.8738, 23.7964 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, 109, 130) }
```


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

```
.border{ border-color:rgb(168, 109, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 109, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 109, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 109, 130); box-shadow:4px 4px 4px 4px rgb(168, 109, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6464, 20.8738, 23.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 109, 130) }
```

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

```
.background{ background-color: rgb(168,  
109, 130) }
```

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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