

Converting Colors

XYZ(25.5145, 21.0672, 17.6232)

Have a look what the booklet for
XYZ(25.5145, 21.0672, 17.6232)
contains.

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Color

**XYZ(25.4584, 21.0702,
17.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6E6F
RGB	172, 110, 111
RGB Percent	67%, 43%, 44%
CMY	0.3255, 0.5686, 0.5647
CMYK	0.00, 0.36, 0.35, 0.33
HSL	359°, 27%, 55%
HSV	359°, 36%, 67%
XYZ	25.4584, 21.0702, 17.7641
YIQ	128.6520, 36.6310, 13.4550

Conversions

Conversions Part 2

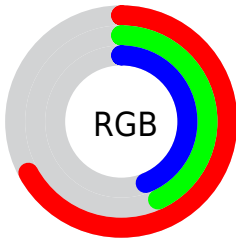
Format	Color
R_{YB}	172, 110, 111
Decimal	11300463
CIE _{Lab}	53.03, 24.78, 9.73
CIE _{LCh}	53, 26.619, 21.432
Yxy	21.0702, 0.3960, 0.3277
Android (android.graphics.Color)	4289490543 (0xFFAC6E6F)
YUV	128.6520, -8.7024, 38.0162
Hunter-Lab	45.9023, 18.6710, 9.1865

Details

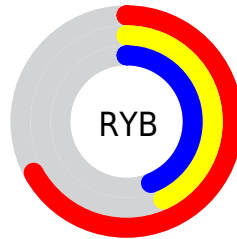
The XYZ color **25.4584, 21.0702, 17.7641** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5345, 35.7607, 43.9285**, and the grayscale version is **20.7655, 21.8470, 23.7914**.

A 20% lighter version of the original color is **51.8443, 45.1430, 40.6313**, and **10.0372, 7.5479, 5.6305** is the 20% darker color. If you saturate the color by 10%, you get **22.9343, 17.3746, 12.7527**, and if you desaturate by 10%, it is **28.5204, 25.5588, 23.8262**.

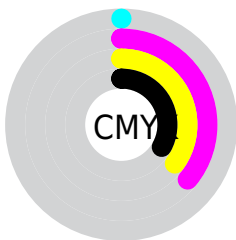
Distribution



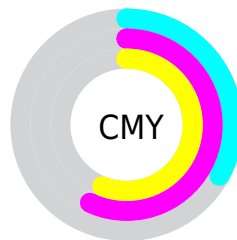
- Red (67%)
- Green (43%)
- Blue (44%)



- Red (67%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (35%)
- Black (33%)





- Cyan (33%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4584, 21.0702, 17.7641 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 25.4584, 21.0702, 17.7641 by changing the saturation by 10% instead.


 25.4584, 21.0702,
17.7641


 25.4584, 21.0702,
17.7641


272.4189,
257.6513, 251.7293


 16.5495, 13.1753,
10.6131

 51.8375, 45.2043,
40.4434


 10.0071, 7.5494,
5.6964


 70.0383, 62.2124,
56.8088

 5.4660, 3.8080,
2.5956

 92.0671, 83.0270,
77.0828

 2.5607, 1.5667,
0.8902

 118.2893,
108.0324, 101.6838

 0.9260, 0.3350,
0.0000

149.0703,
137.6132, 131.0304

 0.0000, 0.0000,
0.0000

184.7753,

172.1537, 165.5411

225.7697,
212.0383, 205.6346

■ 25.4584, 21.0702,
17.7641

■ 25.4584, 21.0702,
17.7641

■ 22.9343, 17.3746,
12.7527

■ 28.5204, 25.5588,
23.8262

■ 20.9155, 14.4232,
8.7313

■ 32.1470, 30.8796,
30.9927

■ 19.3685, 12.1664,
5.6345

■ 36.3653, 37.0727,
39.3152

■ 18.2550, 10.5474,
3.3888

■ 41.2001, 44.1749,
48.8415

■ 17.5307, 9.5004,
1.9097

■ 46.6747, 52.2208,
59.6170

■ 17.1389, 8.9391,
1.0937

■ 52.8112, 61.2430,
71.6843

■ 17.0284, 8.7767,
0.8760

■ 59.6308, 71.2729,
85.0845

■ 67.1536, 82.3403,
99.8565

■ 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



25.8259, 21.0702, 25.3127



25.4584, 21.0702, 17.7641



23.5681, 21.0702, 12.8878

Triad

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



25.4584, 21.0702, 17.7641



16.1110, 21.0702, 14.6205



19.2364, 21.0702, 41.7793

Complementary

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



25.4584, 21.0702, 17.7641



28.5345, 35.7607, 43.9285

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.



16.8589, 21.0702, 37.2057



25.4584, 21.0702, 17.7641



15.1677, 21.0702, 20.7239

Square

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



25.4584, 21.0702, 17.7641



18.1260, 21.0702, 11.3886



15.4282, 21.0702, 29.0391



22.0556, 21.0702, 40.4622

Rectangle

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



25.4584, 21.0702, 17.7641



21.7875, 21.0702, 11.2244



15.4282, 21.0702, 29.0391



18.3632, 21.0702, 40.8475

Sweetspot

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



25.4590, 21.0712, 17.7645



61.8917, 61.2638, 63.2757



29.8101, 22.7856, 41.8566



13.2367, 13.0002, 13.3294



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4590, 21.0712, 17.7645



42.5648, 32.9228, 25.0404



29.2015, 28.6436, 18.7429



8.0103, 8.0174, 8.3649



12.6739, 6.5321, 0.6623



0.3542, 0.1824, 0.0271

Inverse Universe

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



25.4590, 21.0712, 17.7645



42.5648, 32.9228, 25.0404



23.5557, 25.6504, 42.7392



8.0103, 8.0174, 8.3649



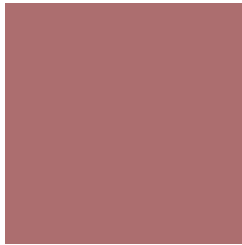
12.6739, 6.5321, 0.6623



0.3542, 0.1824, 0.0271

Previews

White Background



This preview shows how the XYZ color 25.4584, 21.0702, 17.7641 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 25.4584, 21.0702, 17.7641 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 25.4584, 21.0702, 17.7641

Background



This preview shows how black text looks on a background with the XYZ color 25.4584, 21.0702, 17.7641.



This preview shows how white text looks on a background with the XYZ color 25.4584, 21.0702,

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

25.4584, 21.0702, 17.7641

Protanopia

20.3396, 21.3601, 20.8202

Deuteranopia

21.5739, 21.1342, 17.4102



Tritanopia

25.9131, 21.1059, 19.5377

Trichromacy



Original Color

25.4584, 21.0702, 17.7641

Protanomaly

21.9023, 21.0701, 19.7422

Deuteranomaly

22.8105, 21.0512, 17.6129

Tritanomaly

25.7967, 21.0593, 18.9249

Monochromacy



Original Color

25.4584, 21.0702, 17.7641

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.1494, 21.3440, 21.3647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4584, 21.0702, 17.7641 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(172, 110, 111)` looks like.

```
.text, #text, p{  
    color:rgb(172, 110, 111)  
}
```

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(172, 110, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 110, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.4584, 21.0702, 17.7641 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(172, 110, 111) }
```


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

```
.border{ border-color:rgb(172, 110, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 110, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 110, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 110, 111);  
box-shadow:4px 4px 4px 4px rgb(172, 110,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4584, 21.0702, 17.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 110, 111) }
```

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

```
.background{ background-color: rgb(172,  
110, 111) }
```

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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