

Converting Colors

XYZ(24.2136, 20.9796, 22.4176)

Have a look what the booklet for
XYZ(24.2136, 20.9796, 22.4176)
contains.

XYZ(24.2804, 21.0146, 22.5152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2804, 21.0146,
22.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	A0727E
RGB	160, 114, 126
RGB Percent	63%, 45%, 49%
CMY	0.3725, 0.5529, 0.5059
CMYK	0.00, 0.29, 0.21, 0.37
HSL	344°, 19%, 54%
HSV	344°, 29%, 63%
XYZ	24.2804, 21.0146, 22.5152
YIQ	129.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

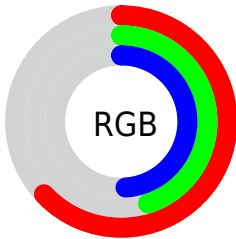
Format	Color
R_{YB}	160, 114, 126
Decimal	10515070
CIE _{Lab}	52.97, 19.99, 0.64
CIE _{LCh}	53, 20.001, 1.827
Yxy	21.0146, 0.3581, 0.3099
Android (android.graphics.Color)	4288705150 (0xFFA0727E)
YUV	129.1220, -1.5391, 27.0800
Hunter-Lab	45.8417, 14.3209, 2.9688

Details

The XYZ color **24.2804, 21.0146, 22.5152** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8564, 30.8576, 32.6645**, and the grayscale version is **20.9089, 21.9978, 23.9556**.

A 20% lighter version of the original color is **49.7972, 44.9742, 48.7041**, and **9.2933, 7.4422, 7.9679** is the 20% darker color. If you saturate the color by 10%, you get **21.9125, 17.4286, 18.1807**, and if you desaturate by 10%, it is **27.0554, 25.2700, 27.4311**.

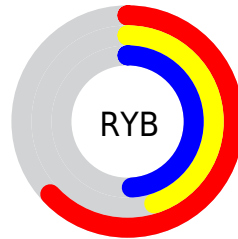
Distribution



Red (63%)

Green (45%)

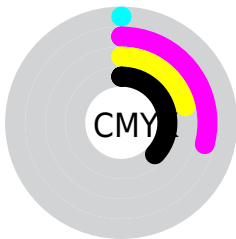
Blue (49%)



Red (63%)

Yellow (45%)

Blue (49%)

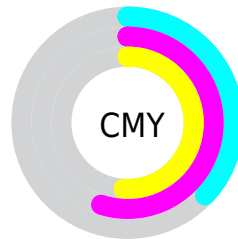


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2804, 21.0146, 22.5152 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 24.2804, 21.0146, 22.5152 by changing the saturation by 10% instead.

■ 24.2804, 21.0146,
22.5152

■ 24.2804, 21.0146,
22.5152

266.6493,
257.3561, 278.2659

■ 15.6676, 13.1347,
14.0340

■ 49.9387, 45.1118,
48.5091

■ 9.3786, 7.5214,
8.0053

■ 67.7150, 62.0979,
66.8589

■ 5.0480, 3.7902,
4.0105

■ 89.2765, 82.8882,
89.3354

■ 2.3105, 1.5569,
1.6311

■ 114.9885,
107.8671, 116.3570

■ 0.8000, 0.3283,
0.3129

145.2164,
137.4189, 148.3423

■ 0.0000, 0.0000,
0.0000

180.3256,

171.9280, 185.7098

220.6815,
211.7790, 228.8782

■ 24.2804, 21.0146,
22.5152

■ 24.2804, 21.0146,
22.5152

■ 21.9125, 17.4286,
18.1807

■ 27.0554, 25.2700,
27.4311

■ 19.9304, 14.4750,
14.4043

■ 30.2540, 30.2236,
32.9478

■ 18.3134, 12.1176,
11.1631


■ 33.8939, 35.9060,
39.0855


■ 17.0382, 10.3152,
8.4318


■ 37.9912, 42.3452,
45.8630

■ 16.0785, 9.0215,
6.1831


■ 42.5613, 49.5676,
53.2982


 15.4041, 8.1826,
4.3869


 47.6186, 57.5984,
61.4085

 14.9589, 7.6931,
3.0025

 53.1773, 66.4617,
70.2105

 14.9104, 7.6388,
2.8539

 59.2507, 76.1805,
79.7202

 64.8858, 84.8450,
89.6312

Harmonies

Analogous

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



23.7427, 21.0146, 28.7772



24.2804, 21.0146, 22.5152



23.5988, 21.0146, 17.3165

Triad

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



24.2804, 21.0146, 22.5152



17.9222, 21.0146, 14.4063



18.1301, 21.0146, 34.6435

Complementary

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



24.2804, 21.0146, 22.5152



24.8564, 30.8576, 32.6645

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.



16.7404, 21.0146, 29.5264



24.2804, 21.0146, 22.5152



16.6264, 21.0146, 17.8514

Square

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



24.2804, 21.0146, 22.5152



19.8455, 21.0146, 13.1723



16.2091, 21.0146, 23.2514



20.1026, 21.0146, 36.4707

Rectangle

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



24.2804, 21.0146, 22.5152



22.5705, 21.0146, 14.9516



16.2091, 21.0146, 23.2514



17.5842, 21.0146, 33.2117

Sweetspot

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



24.2810, 21.0156, 22.5156



54.6689, 54.4674, 59.3740



24.5278, 20.8448, 35.9885



11.8053, 11.6589, 12.7064



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.



24.2810, 21.0156, 22.5156



41.4595, 34.1675, 36.1065



24.8351, 23.2892, 19.1072



6.7005, 6.6731, 7.2742



11.6309, 5.9569, 2.3073



0.2238, 0.1128, 0.1246

Inverse Universe

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



24.2810, 21.0156, 22.5156



41.4595, 34.1675, 36.1065



24.0750, 27.6955, 37.3347



6.7005, 6.6731, 7.2742



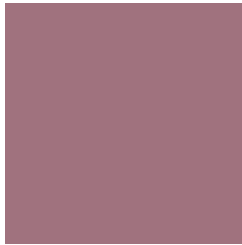
11.6309, 5.9569, 2.3073



0.2238, 0.1128, 0.1246

Previews

White Background



This preview shows how the XYZ color 24.2804, 21.0146, 22.5152 looks on a white background.

Color Contrast Check

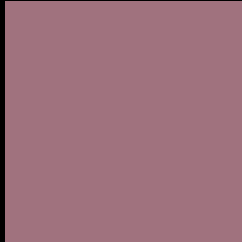
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2804, 21.0146, 22.5152 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 24.2804, 21.0146, 22.5152

Background



This preview shows how black text looks on a background with the XYZ color 24.2804, 21.0146, 22.5152.



This preview shows how white text looks on a background with the XYZ color 24.2804, 21.0146,

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

24.2804, 21.0146, 22.5152

Protanopia

20.4469, 21.1272, 25.1906

Deuteranopia

21.5363, 21.1966, 22.0251



Tritanopia

24.0897, 20.9383, 21.5107

Trichromacy



Original Color

24.2804, 21.0146, 22.5152

Protanomaly

21.6363, 21.0197, 24.0360

Deuteranomaly

22.4508, 21.1167, 22.2947

Tritanomaly

24.1526, 20.9634, 21.8422

Monochromacy



Original Color

24.2804, 21.0146, 22.5152

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9192, 21.5493, 23.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2804, 21.0146, 22.5152 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(160, 114, 126)` looks like.

```
.text, #text, p{  
    color:rgb(160, 114, 126)  
}
```

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(160, 114, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 114, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.2804, 21.0146, 22.5152 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(160, 114, 126) }
```


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

```
.border{ border-color:rgb(160, 114, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 114, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 114, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 114, 126);  
box-shadow:4px 4px 4px 4px rgb(160, 114,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2804, 21.0146, 22.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 114, 126) }
```

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

```
.background{ background-color: rgb(160,  
114, 126) }
```

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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