

Converting Colors

XYZ(21.2038, 22.3626, 22.2726)

Have a look what the booklet for
XYZ(21.2038, 22.3626, 22.2726)
contains.

XYZ(21.1364, 22.3260, 22.2641)	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(21.1364, 22.3260,
22.2641)**

Conversions

Conversions Part 1

Format	Color
Hex	84827C
RGB	132, 130, 124
RGB Percent	52%, 51%, 49%
CMY	0.4824, 0.4902, 0.5137
CMYK	0.00, 0.02, 0.06, 0.48
HSL	45°, 3%, 50%
HSV	45°, 6%, 52%
XYZ	21.1364, 22.3260, 22.2641
YIQ	129.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

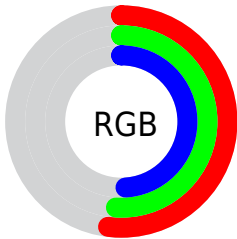
Format	Color
R_{YB}	127, 132, 124
Decimal	8684156
CIE Lab	54.37, -0.40, 3.50
CIE LCh	54, 3.525, 96.511
Yxy	22.3260, 0.3216, 0.3397
Android (android.graphics.Color)	4286874236 (0xFF84827C)
YUV	129.9140, -2.9156, 1.8294
Hunter-Lab	47.2504, -2.8402, 5.1382

Details

The XYZ color **21.1364, 22.3260, 22.2641** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9378, 20.8724, 24.8079**, and the grayscale version is **21.1974, 22.3013, 24.2861**.

A 20% lighter version of the original color is **44.7775, 47.3158, 47.8471**, and **7.7797, 8.2319, 7.8355** is the 20% darker color. If you saturate the color by 10%, you get **19.9258, 21.1522, 18.0141**, and if you desaturate by 10%, it is **22.4741, 23.5745, 27.1084**.

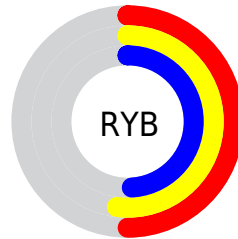
Distribution



Red (52%)

Green (51%)

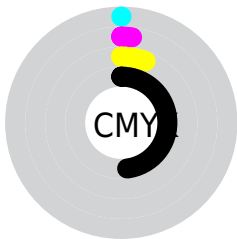
Blue (49%)



Red (50%)

Yellow (52%)

Blue (49%)

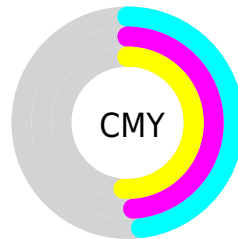


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1364, 22.3260, 22.2641 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 21.1364, 22.3260, 22.2641 by changing the saturation by 10% instead.

■ 21.1364, 22.3260,
22.2641

■ 21.1364, 22.3260,
22.2641

250.7205,
264.2440, 276.9207

■ 13.3368, 14.0966,
13.8509

■ 44.8040, 47.2842,
48.0899

■ 7.7395, 8.1879,
7.8795

■ 61.4027, 64.7819,
66.3396

■ 3.9791, 4.2154,
3.9313

■ 81.6651, 86.1377,
88.7052

■ 1.6903, 1.7948,
1.5877

105.9566,
111.7362, 115.6052

■ 0.4502, 0.4839,
0.2820

134.6425,
141.9616, 147.4583

■ 0.0000, 0.0000,
0.0000

168.0882,

177.1985, 184.6828

206.6591,
217.8312, 227.6975

■ 21.1364, 22.3260,
22.2641

■ 21.1364, 22.3260,
22.2641

■ 19.9258, 21.1522,
18.0141

■ 22.4741, 23.5745,
27.1084

■ 18.8358, 20.0482,
14.3336

■ 23.9413, 24.8968,
32.5675

■ 17.8622, 19.0129,
11.1985

■ 25.5427, 26.2956,
38.6627

■ 17.0000, 18.0439,
8.5819

■ 27.2822, 27.7728,
45.4139

■ 16.2434, 17.1388,
6.4551

■ 29.1635, 29.3299,
52.8400

■ 15.5863, 16.2949,
4.7863

■ 31.1901, 30.9686,
60.9594

■ 15.0219, 15.5093,
3.5401

■ 33.3656, 32.6906,
69.7894

■ 14.5422, 14.7785,
2.6757

■ 35.6932, 34.4972,
79.3471

■ 14.1344, 14.0971,
2.1254

■ 38.1762, 36.3900,
89.6487

Harmonies

Analogous

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



21.5165, 22.3260, 22.4171



21.1364, 22.3260, 22.2641



20.7830, 22.3260, 22.6456

Triad

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



21.1364, 22.3260, 22.2641



20.6311, 22.3260, 25.5919



21.9060, 22.3260, 25.1636

Complementary

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



21.1364, 22.3260, 22.2641



19.9378, 20.8724, 24.8079

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.



21.6635, 22.3260, 26.0524



21.1364, 22.3260, 22.2641



20.9267, 22.3260, 26.3049

Square

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



21.1364, 22.3260, 22.2641



20.4935, 22.3260, 24.5503



21.3042, 22.3260, 26.4759



21.9638, 22.3260, 24.0697

Rectangle

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



21.1364, 22.3260, 22.2641



20.6091, 22.3260, 23.1587



21.3042, 22.3260, 26.4759



21.8433, 22.3260, 25.4973

Sweetspot

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



21.1370, 22.3270, 22.2646



38.1512, 40.1954, 42.5172



20.4895, 20.8275, 22.6791



8.8900, 9.3655, 9.9264



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



21.1370, 22.3270, 22.2646



36.9880, 39.0956, 38.3478



21.0955, 22.7038, 22.3395



4.9981, 5.2834, 5.1707



13.5421, 13.4068, 1.8740



0.0527, 0.0580, 0.0084

Inverse Universe

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



19.9378, 20.8724, 24.8079



34.5113, 36.0914, 43.6006



19.9770, 20.5172, 24.7373



4.6566, 4.8691, 5.8951



4.5619, 2.6716, 21.4119



0.0209, 0.0194, 0.0759

Previews

White Background



This preview shows how the XYZ color 21.1364, 22.3260, 22.2641 looks on a white background.

Color Contrast Check

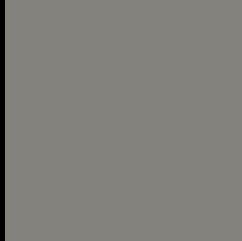
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1364, 22.3260, 22.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

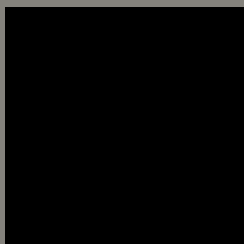
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

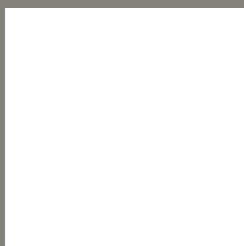
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1364, 22.3260, 22.2641

Background



This preview shows how black text looks on a background with the XYZ color 21.1364, 22.3260, 22.2641.



This preview shows how white text looks on a background with the XYZ color 21.1364, 22.3260,

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

21.1364, 22.3260, 22.2641

Protanopia

21.3199, 22.2241, 22.2348

Deuteranopia

22.6641, 22.3317, 22.5180



Tritanopia

22.1381, 22.3417, 27.1903

Trichromacy



Original Color

21.1364, 22.3260, 22.2641

Protanomaly

21.1612, 22.1423, 22.2274

Deuteranomaly

22.1063, 22.2349, 22.5287

Tritanomaly

21.7568, 22.3805, 25.3635

Monochromacy



Original Color

21.1364, 22.3260, 22.2641

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2390, 22.3491, 23.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1364, 22.3260, 22.2641 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(132, 130, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 124)  
}
```

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(132, 130, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 124) }
```

Border

The CSS property to change the border of an element to XYZ 21.1364, 22.3260, 22.2641 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(132, 130, 124) }
```


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

```
.border{ border-color:rgb(132, 130, 124) }
```

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

Here you see how a box with a 4 pixel rgb(132, 130, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1364, 22.3260, 22.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 124) }
```

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

```
.background{ background-color: rgb(132,  
130, 124) }
```

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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