

Converting Colors

XYZ(20.7972, 20.4760, 24.5368)

Have a look what the booklet for
XYZ(20.7972, 20.4760, 24.5368)
contains.

XYZ(20.8337, 20.4090, 24.6711)	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(20.8337, 20.4090,
24.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	867984
RGB	134, 121, 132
RGB Percent	53%, 47%, 52%
CMY	0.4745, 0.5255, 0.4823
CMYK	0.00, 0.10, 0.01, 0.47
HSL	309°, 5%, 50%
HSV	309°, 10%, 53%
XYZ	20.8337, 20.4090, 24.6711
YIQ	126.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

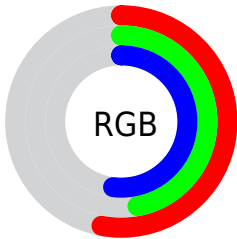
Format	Color
R_{YB}	134, 121, 132
Decimal	8812932
CIE _{Lab}	52.30, 7.09, -4.18
CIE _{LCh}	52, 8.228, 329.500
Yxy	20.4090, 0.3161, 0.3096
Android (android.graphics.Color)	4287003012 (0xFF867984)
YUV	126.1410, 2.8885, 6.8923
Hunter-Lab	45.1763, 3.2592, -0.7553

Details

The XYZ color **20.8337, 20.4090, 24.6711** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9861, 22.5457, 22.0382**, and the grayscale version is **19.8691, 20.9038, 22.7643**.

A 20% lighter version of the original color is **44.1940, 43.9547, 52.0538**, and **7.5349, 7.1441, 9.1654** is the 20% darker color. If you saturate the color by 10%, you get **19.1776, 17.3201, 23.4301**, and if you desaturate by 10%, it is **22.7200, 23.9533, 26.0031**.

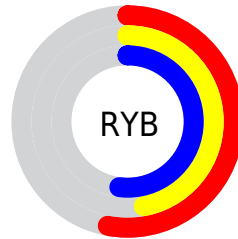
Distribution



Red (53%)

Green (47%)

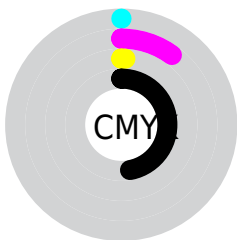
Blue (52%)



Red (53%)

Yellow (47%)

Blue (52%)

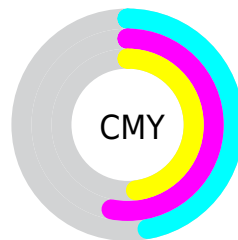


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8337, 20.4090, 24.6711 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 20.8337, 20.4090, 24.6711 by changing the saturation by 10% instead.

■ 20.8337, 20.4090,
24.6711

■ 20.8337, 20.4090,
24.6711

249.1419,
254.1207, 289.5911

■ 13.1143, 12.6927,
15.6154

■ 44.3040, 44.1018,
52.0806

■ 7.5848, 7.2173,
9.1010

■ 60.7855, 60.8472,
71.2715

■ 3.8800, 3.5984,
4.7094

■ 80.9185, 81.3710,
94.6779

■ 1.6345, 1.4515,
2.0221

105.0682,
106.0576, 122.7184

■ 0.4147, 0.2542,
0.5688

133.6000,
135.2915, 155.8113

■ 0.0000, 0.0000,
0.0000

166.8793,

169.4571, 194.3754

205.2715,
208.9387, 238.8292

■ 20.8337, 20.4090,
24.6711

■ 20.8337, 20.4090,
24.6711

■ 19.1776, 17.3201,
23.4301

■ 22.7200, 23.9533,
26.0031

■ 17.7406, 14.6653,
22.2756

■ 24.8434, 27.9677,
27.4277

■ 16.5135, 12.4256,
21.2046

■ 27.2130, 32.4696,
28.9483

■ 15.4854, 10.5798,
20.2135

■ 29.8364, 37.4749,
30.5675

■ 14.6448, 9.1045,
19.2983

■ 32.7213, 42.9986,
32.2879

■ 13.9787, 7.9741,
18.4546

■ 35.8749, 49.0551,
34.1120

■ 13.4727, 7.1594,
17.6776

■ 39.3041, 55.6581,
36.0422

■ 13.1098, 6.6267,
16.9615

■ 43.0155, 62.8211,
38.0808

■ 12.8418, 6.2795,
16.2902

■ 47.0158, 70.5569,
40.2300

Harmonies

Analogous

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



20.2102, 20.4090, 26.5280



20.8337, 20.4090, 24.6711



21.0706, 20.4090, 22.2626

Triad

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



20.8337, 20.4090, 24.6711



19.4123, 20.4090, 17.8816



18.0166, 20.4090, 24.5957

Complementary

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



20.8337, 20.4090, 24.6711



19.9861, 22.5457, 22.0382

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.



17.8166, 20.4090, 22.1813



20.8337, 20.4090, 24.6711



18.6081, 20.4090, 18.4090

Square

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



20.8337, 20.4090, 24.6711



20.2355, 20.4090, 18.4449



18.0301, 20.4090, 19.9405



18.5842, 20.4090, 26.4823

Rectangle

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



20.8337, 20.4090, 24.6711



20.9722, 20.4090, 20.7029



18.0301, 20.4090, 19.9405



17.9049, 20.4090, 23.8135

Sweetspot

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



20.8343, 20.4099, 24.6715



38.8655, 40.0100, 45.0066



19.3025, 19.6043, 25.3211



8.7000, 8.9085, 10.1003



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.



20.8343, 20.4099, 24.6715



35.9213, 34.4888, 42.8926



20.4064, 20.2387, 22.4185



4.8279, 4.7509, 5.7062



12.0304, 5.8765, 15.2640



0.0437, 0.0212, 0.0637

Inverse Universe

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



20.8343, 20.4099, 24.6715



35.9213, 34.4888, 42.8926



20.4033, 22.7125, 24.2352



4.8279, 4.7509, 5.7062



12.0304, 5.8765, 15.2640



0.0437, 0.0212, 0.0637

Previews

White Background



This preview shows how the XYZ color 20.8337, 20.4090, 24.6711 looks on a white background.

Color Contrast Check

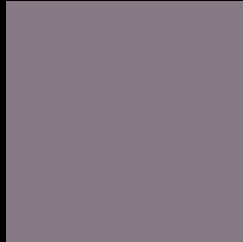
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8337, 20.4090, 24.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

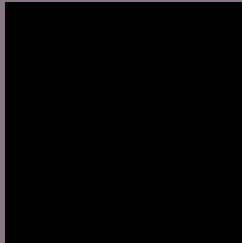
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8337, 20.4090, 24.6711

Background



This preview shows how black text looks on a background with the XYZ color 20.8337, 20.4090, 24.6711.



This preview shows how white text looks on a background with the XYZ color 20.8337, 20.4090,

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

20.8337, 20.4090, 24.6711

Protanopia

19.8229, 20.4216, 25.4512

Deuteranopia

20.8337, 20.4090, 24.6711



Tritanopia

20.7656, 20.3818, 24.3123

Trichromacy



Original Color

20.8337, 20.4090, 24.6711

Protanomaly

20.2187, 20.4486, 25.0716

Deuteranomaly

20.8337, 20.4090, 24.6711

Tritanomaly

20.7656, 20.3818, 24.3123

Monochromacy



Original Color

20.8337, 20.4090, 24.6711

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1572, 20.6409, 23.3438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8337, 20.4090, 24.6711 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(134, 121, 132) looks like.

```
.text, #text, p{  
    color:rgb(134, 121, 132)  
}
```

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(134, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 121, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.8337, 20.4090, 24.6711 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(134, 121, 132) }
```


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

```
.border{ border-color:rgb(134, 121, 132) }
```

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

Here you see how a box with a 4 pixel rgb(134, 121, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(134, 121,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8337, 20.4090, 24.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 121, 132) }
```

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

```
.background{ background-color: rgb(134,  
121, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor