

Converting Colors

XYZ(21.0211, 20.3330, 24.4837)

Have a look what the booklet for
XYZ(21.0211, 20.3330, 24.4837)
contains.

XYZ(21.0347, 20.3331, 24.6458)	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(21.0347, 20.3331,
24.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	887884
RGB	136, 120, 132
RGB Percent	53%, 47%, 52%
CMY	0.4667, 0.5294, 0.4823
CMYK	0.00, 0.12, 0.03, 0.47
HSL	315°, 6%, 50%
HSV	315°, 12%, 53%
XYZ	21.0347, 20.3331, 24.6458
YIQ	126.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

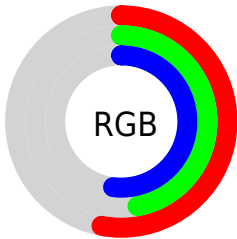
Format	Color
R_{YB}	136, 120, 132
Decimal	8943748
CIE _{Lab}	52.21, 8.42, -4.28
CIE _{LCh}	52, 9.447, 333.056
Yxy	20.3331, 0.3186, 0.3080
Android (android.graphics.Color)	4287133828 (0xFF887884)
YUV	126.1520, 2.8831, 8.6367
Hunter-Lab	45.0922, 4.3555, -0.8412

Details

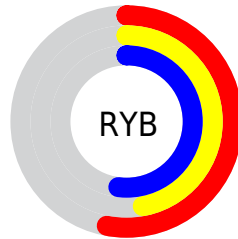
The XYZ color **21.0347, 20.3331, 24.6458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1888, 23.0573, 22.4564**, and the grayscale version is **19.8725, 20.9074, 22.7682**.

A 20% lighter version of the original color is **44.4957, 43.8266, 52.0132**, and **7.7164, 7.2377, 9.1739** is the 20% darker color. If you saturate the color by 10%, you get **19.2851, 17.2000, 22.9332**, and if you desaturate by 10%, it is **23.0254, 23.9357, 26.4767**.

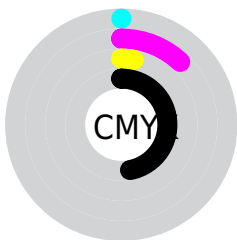
Distribution



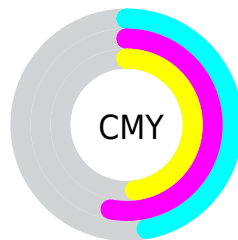
- Red (53%)
- Green (47%)
- Blue (52%)



- Red (53%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0347, 20.3331, 24.6458 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 21.0347, 20.3331, 24.6458 by changing the saturation by 10% instead.

■ 21.0347, 20.3331,
24.6458

■ 21.0347, 20.3331,
24.6458

250.1911,
253.7127, 289.4604

■ 13.2620, 12.6374,
15.5967

■ 44.6361, 43.9749,
52.0390

■ 7.6874, 7.1793,
9.0880

■ 61.1955, 60.6899,
71.2202

■ 3.9457, 3.5745,
4.7010

■ 81.4145, 81.1800,
94.6159

■ 1.6715, 1.4385,
2.0173

105.6585,
105.8298, 122.6446

■ 0.4383, 0.2449,
0.5659

134.2928,
135.0235, 155.7249

■ 0.0000, 0.0000,
0.0000

167.6827,

169.1457, 194.2752

206.1937,
208.5806, 238.7142

■ 21.0347, 20.3331,
24.6458

■ 21.0347, 20.3331,
24.6458

■ 19.2851, 17.2000,
22.9332

■ 23.0254, 23.9357,
26.4767

■ 17.7650, 14.5142,
21.3340

■ 25.2647, 28.0234,
28.4279

■ 16.4645, 12.2557,
19.8447

■ 27.7618, 32.6145,
30.5033

■ 15.3723, 10.4020,
18.4612

■ 30.5252, 37.7256,
32.7058

■ 14.4760, 8.9283,
17.1790

■ 33.5627, 43.3724,
35.0386

■ 13.7618, 7.8073,
15.9932

■ 36.8820, 49.5700,
37.5043

■ 13.2141, 7.0080,
14.8981

■ 40.4903, 56.3329,
40.1059

■ 12.8148, 6.4940,
13.8873

■ 44.3947, 63.6750,
42.8459

■ 12.5515, 6.1935,
13.1025

■ 48.6019, 71.6098,
45.7270

Harmonies

Analogous

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



20.3601, 20.3331, 26.9187



21.0347, 20.3331, 24.6458



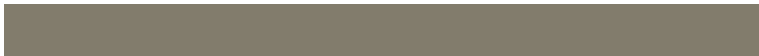
21.2466, 20.3331, 21.8561

Triad

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



21.0347, 20.3331, 24.6458



19.2268, 20.3331, 17.2276



17.8063, 20.3331, 25.1788

Complementary

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



21.0347, 20.3331, 24.6458



20.1888, 23.0573, 22.4564

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.



17.5248, 20.3331, 22.4250



21.0347, 20.3331, 24.6458



18.3276, 20.3331, 17.9620

Square

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



21.0347, 20.3331, 24.6458



20.1825, 20.3331, 17.7157



17.7124, 20.3331, 19.8088



18.4941, 20.3331, 27.2440

Rectangle

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



21.0347, 20.3331, 24.6458



21.0913, 20.3331, 20.1149



17.7124, 20.3331, 19.8088



17.6621, 20.3331, 24.2952

Sweetspot

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



21.0353, 20.3340, 24.6462



39.7233, 40.6309, 45.8905



19.4734, 19.4966, 26.0299



9.1427, 9.3066, 10.5762



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.0353, 20.3340, 24.6462



36.2468, 34.3540, 42.6469



20.5086, 20.1233, 21.8729



5.1813, 5.1080, 6.0433



11.8832, 5.8634, 12.4210



0.0848, 0.0413, 0.1133

Inverse Universe

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



21.0353, 20.3340, 24.6462



36.2468, 34.3540, 42.6469



20.7155, 23.2679, 25.2297



5.1813, 5.1080, 6.0433



11.8832, 5.8634, 12.4210



0.0848, 0.0413, 0.1133

Previews

White Background



This preview shows how the XYZ color 21.0347, 20.3331, 24.6458 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 21.0347, 20.3331, 24.6458 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

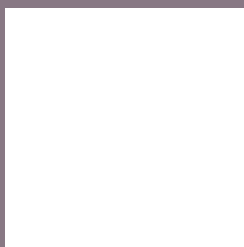
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0347, 20.3331, 24.6458

Background



This preview shows how black text looks on a background with the XYZ color 21.0347, 20.3331, 24.6458.



This preview shows how white text looks on a background with the XYZ color 21.0347, 20.3331,

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

21.0347, 20.3331, 24.6458

Protanopia

19.8229, 20.4216, 25.4512

Deuteranopia

20.6751, 20.3272, 24.6636



Tritanopia

20.8991, 20.2789, 23.9318

Trichromacy



Original Color

21.0347, 20.3331, 24.6458

Protanomaly

20.2187, 20.4486, 25.0716

Deuteranomaly

20.8337, 20.4090, 24.6711

Tritanomaly

20.9665, 20.3059, 24.2871

Monochromacy



Original Color

21.0347, 20.3331, 24.6458

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.3099, 20.7196, 23.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0347, 20.3331, 24.6458 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(136, 120, 132)` looks like.

```
.text, #text, p{  
    color:rgb(136, 120, 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(136, 120, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 120, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.0347, 20.3331, 24.6458 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(136, 120, 132) }
```


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

```
.border{ border-color:rgb(136, 120, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 120, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 120, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 120, 132);  
box-shadow:4px 4px 4px 4px rgb(136, 120,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0347, 20.3331, 24.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 120, 132) }
```

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

```
.background{ background-color: rgb(136,  
120, 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](#).

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