

Converting Colors

XYZ(20.2895, 19.4296, 24.1536)

Have a look what the booklet for
XYZ(20.2895, 19.4296, 24.1536)
contains.

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Color

**XYZ(20.2895, 19.4296,
24.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	867583
RGB	134, 117, 131
RGB Percent	53%, 46%, 51%
CMY	0.4745, 0.5412, 0.4863
CMYK	0.00, 0.13, 0.02, 0.47
HSL	311°, 7%, 49%
HSV	311°, 13%, 53%
XYZ	20.2895, 19.4296, 24.1536
YIQ	123.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

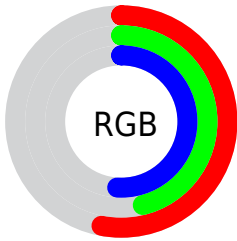
Format	Color
R_{YB}	134, 117, 131
Decimal	8811907
CIE Lab	51.19, 9.23, -5.23
CIE LCh	51, 10.608, 330.448
Yxy	19.4296, 0.3177, 0.3042
Android (android.graphics.Color)	4287001987 (0xFF867583)
YUV	123.6790, 3.6093, 9.0515
Hunter-Lab	44.0790, 5.0250, -1.6333

Details

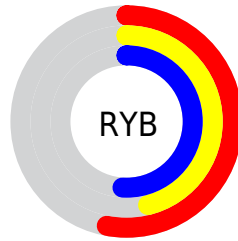
The XYZ color **20.2895, 19.4296, 24.1536** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2521, 22.1886, 21.0385**, and the grayscale version is **19.0390, 20.0305, 21.8132**.

A 20% lighter version of the original color is **43.3332, 42.4014, 51.2478**, and **7.3073, 6.7503, 8.9004** is the 20% darker color. If you saturate the color by 10%, you get **18.6803, 16.4646, 22.8356**, and if you desaturate by 10%, it is **22.1270, 22.8448, 25.5663**.

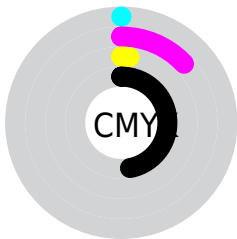
Distribution



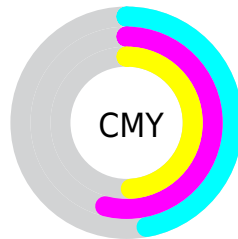
- Red (53%)
- Green (46%)
- Blue (51%)



- Red (53%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2895, 19.4296, 24.1536 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 20.2895, 19.4296, 24.1536 by changing the saturation by 10% instead.

■ 20.2895, 19.4296,
24.1536

■ 20.2895, 19.4296,
24.1536

246.2819,
248.8102, 286.9076

■ 12.7151, 11.9811,
15.2343

■ 43.4023, 42.4588,
51.2277

■ 7.3083, 6.7308,
8.8356

■ 59.6714, 58.8082,
70.2196

■ 3.7037, 3.2943,
4.5387

■ 79.5695, 78.8935,
93.4062

■ 1.5359, 1.2873,
1.9253

103.4619,
103.0989, 121.2060

■ 0.3501, 0.1313,
0.5088

131.7140,
131.8089, 154.0375

■ 0.0000, 0.0000,
0.0000

164.6911,

165.4079, 192.3192

202.7586,
204.2802, 236.4698

■ 20.2895, 19.4296,
24.1536

■ 20.2895, 19.4296,
24.1536

■ 18.6803, 16.4646,
22.8356

■ 22.1270, 22.8448,
25.5663

■ 17.2883, 13.9284,
21.6076

■ 24.1999, 26.7253,
27.0754

■ 16.1039, 11.8015,
20.4666

■ 26.5174, 31.0890,
28.6843

■ 15.1160, 10.0620,
19.4089

■ 29.0874, 35.9517,
30.3958

■ 14.3127, 8.6860,
18.4303

■ 31.9176, 41.3288,
32.2125

■ 13.6806, 7.6468,
17.5262

■ 35.0152, 47.2347,
34.1370

■ 13.2047, 6.9143,
16.6915

■ 38.3873, 53.6835,
36.1718

■ 12.8671, 6.4528,
15.9201

■ 42.0407, 60.6888,
38.3191

■ 12.6652, 6.2018,
15.3816

■ 45.9819, 68.2634,
40.5814

Harmonies

Analogous

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



19.5149, 19.4296, 26.5721



20.2895, 19.4296, 24.1536



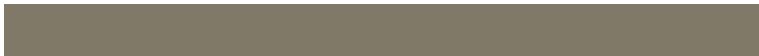
20.5718, 19.4296, 21.1102

Triad

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



20.2895, 19.4296, 24.1536



18.4514, 19.4296, 15.8596



16.7724, 19.4296, 24.2396

Complementary

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



20.2895, 19.4296, 24.1536



19.2521, 22.1886, 21.0385

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.



16.5113, 19.4296, 21.2010



20.2895, 19.4296, 24.1536



17.4578, 19.4296, 16.5301

Square

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



20.2895, 19.4296, 24.1536



19.4864, 19.4296, 16.4916



16.7575, 19.4296, 18.4164



17.4843, 19.4296, 26.6250

Rectangle

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



20.2895, 19.4296, 24.1536



20.4348, 19.4296, 19.1893



16.7575, 19.4296, 18.4164



16.6302, 19.4296, 23.2516

Sweetspot

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



20.2901, 19.4304, 24.1540



38.5062, 39.3567, 44.6854



18.3878, 18.4260, 25.1419



8.6245, 8.7724, 10.0290



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.



20.2901, 19.4304, 24.1540



34.9602, 32.7763, 41.9262



19.7478, 19.2135, 21.2982



4.8236, 4.7491, 5.6832



11.8725, 5.8134, 14.4330



0.0434, 0.0211, 0.0621

Inverse Universe

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



20.2901, 19.4304, 24.1540



34.9602, 32.7763, 41.9262



19.7801, 22.3998, 23.8189



4.8236, 4.7491, 5.6832



11.8725, 5.8134, 14.4330



0.0434, 0.0211, 0.0621

Previews

White Background



This preview shows how the XYZ color 20.2895, 19.4296, 24.1536 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 20.2895, 19.4296, 24.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

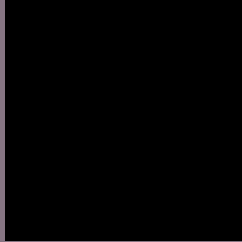
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2895, 19.4296, 24.1536

Background



This preview shows how black text looks on a background with the XYZ color 20.2895, 19.4296, 24.1536.



This preview shows how white text looks on a background with the XYZ color 20.2895, 19.4296,

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

20.2895, 19.4296, 24.1536

Protanopia

19.0256, 19.4609, 25.3078

Deuteranopia

19.8995, 19.5782, 24.2029



Tritanopia

19.9821, 19.4757, 22.7847

Trichromacy



Original Color

20.2895, 19.4296, 24.1536

Protanomaly

19.5543, 19.5620, 24.9355

Deuteranomaly

19.9352, 19.4209, 24.1706

Tritanomaly

20.0476, 19.5019, 23.1297

Monochromacy



Original Color

20.2895, 19.4296, 24.1536

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5702, 19.7962, 22.8683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2895, 19.4296, 24.1536 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, 117, 131)` looks like.

```
.text, #text, p{  
    color:rgb(134, 117, 131)  
}
```

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, 117, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 117, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.2895, 19.4296, 24.1536 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, 117, 131) }
```


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

```
.border{ border-color:rgb(134, 117, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 117, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 117, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 117, 131);  
box-shadow:4px 4px 4px 4px rgb(134, 117,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2895, 19.4296, 24.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 117, 131) }
```

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

```
.background{ background-color: rgb(134,  
117, 131) }
```

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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