

Converting Colors

XYZ(20.2893, 21.2422, 24.6138)

Have a look what the booklet for
XYZ(20.2893, 21.2422, 24.6138)
contains.

XYZ(20.2903, 21.2531, 24.5056)	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(20.2903, 21.2531,
24.5056)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7F83
RGB	126, 127, 131
RGB Percent	49%, 50%, 51%
CMY	0.5059, 0.5019, 0.4863
CMYK	0.04, 0.03, 0.00, 0.49
HSL	228°, 2%, 50%
HSV	228°, 4%, 51%
XYZ	20.2903, 21.2531, 24.5056
YIQ	127.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

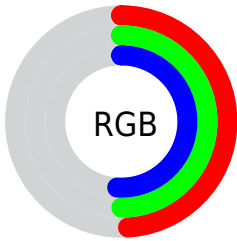
Format	Color
R_{YB}	126, 127, 131
Decimal	8290179
CIE _{Lab}	53.23, 0.44, -2.30
CIE _{LCh}	53, 2.343, 280.868
Yxy	21.2531, 0.3072, 0.3218
Android (android.graphics.Color)	4286480259 (0xFF7E7F83)
YUV	127.1570, 1.8946, -1.0147
Hunter-Lab	46.1011, -2.1144, 0.7544

Details

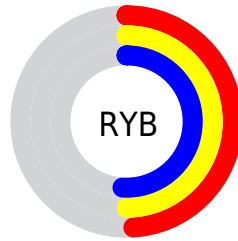
The XYZ color **20.2903, 21.2531, 24.5056** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.1086, 22.2966, 22.9301**, and the grayscale version is **20.2214, 21.2745, 23.1679**.

A 20% lighter version of the original color is **43.5634, 45.6869, 51.8698**, and **7.3079, 7.6358, 9.0713** is the 20% darker color. If you saturate the color by 10%, you get **17.2007, 17.7561, 23.9938**, and if you desaturate by 10%, it is **23.7747, 25.1636, 25.0771**.

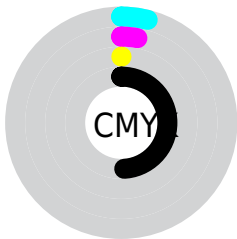
Distribution



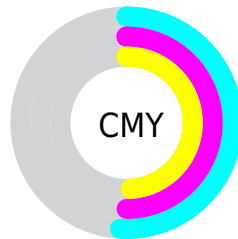
- Red (49%)
- Green (50%)
- Blue (51%)



- Red (49%)
- Yellow (50%)
- Blue (51%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2903, 21.2531, 24.5056 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 20.2903, 21.2531, 24.5056 by changing the saturation by 10% instead.

■ 20.2903, 21.2531,
24.5056

■ 20.2903, 21.2531,
24.5056

246.2861,
258.6205, 288.7352

■ 12.7157, 13.3091,
15.4934

■ 43.4036, 45.5084,
51.8082

■ 7.3087, 7.6418,
9.0160

■ 59.6730, 62.5885,
70.9356

■ 3.7040, 3.8666,
4.6546

■ 79.5715, 83.4828,
94.2719

■ 1.5361, 1.5992,
1.9909

103.4643,
108.5756, 122.2356

■ 0.3502, 0.3571,
0.5497

131.7168,
138.2514, 155.2453

■ 0.0000, 0.0000,
0.0000

164.6943,

172.8946, 193.7194

202.7623,
212.8895, 238.0765

■ 20.2903, 21.2531,
24.5056

■ 20.2903, 21.2531,
24.5056

■ 17.2007, 17.7561,
23.9938

■ 23.7747, 25.1636,
25.0771

■ 14.4901, 14.6563,
23.5383

■ 27.6655, 29.4979,
25.7086

■ 12.1442, 11.9403,
23.1377

■ 31.9759, 34.2691,
26.4024

■ 10.1472, 9.5929,
22.7899

■ 36.7181, 39.4892,
27.1600

■ 8.4820, 7.5978,
22.4926

■ 41.9036, 45.1696,
27.9831

■ 7.1301, 5.9376,
22.2434

■ 47.5438, 51.3212,
28.8732

■ 6.0711, 4.5933,
22.0397

■ 53.6493, 57.9546,
29.8318

■ 5.2820, 3.5437,
21.8787

■ 60.2306, 65.0802,
30.8603

■ 4.7349, 2.7643,
21.7571

■ 67.2977, 72.7079,
31.9601

Harmonies

Analogous

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



20.0448, 21.2531, 24.4528



20.2903, 21.2531, 24.5056



20.5135, 21.2531, 24.1872

Triad

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



20.2903, 21.2531, 24.5056



20.5625, 21.2531, 22.2606



19.7541, 21.2531, 22.6971

Complementary

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



20.2903, 21.2531, 24.5056



21.1086, 22.2966, 22.9301

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.



19.8906, 21.2531, 22.1255



20.2903, 21.2531, 24.5056



20.3568, 21.2531, 21.8770

Square

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



20.2903, 21.2531, 24.5056



20.6715, 21.2531, 22.8850



20.1108, 21.2531, 21.8280



19.7366, 21.2531, 23.3990

Rectangle

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



20.2903, 21.2531, 24.5056



20.6190, 21.2531, 23.8110



20.1108, 21.2531, 21.8280



19.7875, 21.2531, 22.4838

Sweetspot

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



20.2909, 21.2540, 24.5061



38.0071, 39.9416, 44.1595



20.7445, 22.2780, 24.2969



8.8588, 9.3104, 10.2829



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.



20.2909, 21.2540, 24.5061



35.5783, 37.2063, 43.7595



20.3725, 21.1048, 24.4730



4.7832, 4.9997, 5.9137



4.4037, 2.3551, 21.3592



0.0195, 0.0167, 0.0754

Inverse Universe

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



20.6522, 21.2797, 23.0987



36.4392, 37.2713, 40.4050



21.0247, 22.4523, 22.9645



4.9078, 5.0093, 5.4284



9.4009, 4.8247, 1.4174



0.0347, 0.0176, 0.0162

Previews

White Background



This preview shows how the XYZ color 20.2903, 21.2531, 24.5056 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 20.2903, 21.2531, 24.5056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

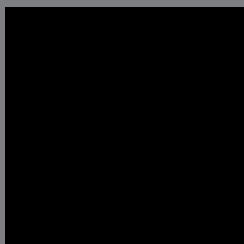
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

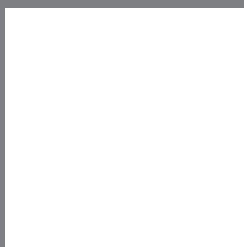
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2903, 21.2531, 24.5056

Background



This preview shows how black text looks on a background with the XYZ color 20.2903, 21.2531, 24.5056.



This preview shows how white text looks on a background with the XYZ color 20.2903, 21.2531,

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

20.2903, 21.2531, 24.5056

Protanopia

20.4597, 21.1496, 24.4767

Deuteranopia

21.5643, 21.1502, 24.7756



Tritanopia

20.6572, 21.2113, 26.2980

Trichromacy



Original Color

20.2903, 21.2531, 24.5056

Protanomaly

20.3100, 21.0724, 24.4697

Deuteranomaly

21.0454, 21.0678, 24.7871

Tritanomaly

20.5163, 21.1550, 25.5562

Monochromacy



Original Color

20.2903, 21.2531, 24.5056

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2381, 21.2493, 23.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2903, 21.2531, 24.5056 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(126, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(126, 127, 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(126, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 127, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.2903, 21.2531, 24.5056 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(126, 127, 131) }
```


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

```
.border{ border-color:rgb(126, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 127,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2903, 21.2531, 24.5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 127, 131) }
```

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

```
.background{ background-color: rgb(126,  
127, 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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