

Converting Colors

XYZ(19.3023, 20.3818, 24.8131)

Have a look what the booklet for
XYZ(19.3023, 20.3818, 24.8131)
contains.

XYZ(19.2442, 20.3262, 24.7389)	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(19.2442, 20.3262,
24.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	787D84
RGB	120, 125, 132
RGB Percent	47%, 49%, 52%
CMY	0.5294, 0.5098, 0.4823
CMYK	0.09, 0.05, 0.00, 0.48
HSL	215°, 5%, 49%
HSV	215°, 9%, 52%
XYZ	19.2442, 20.3262, 24.7389
YIQ	124.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

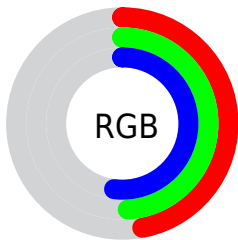
Format	Color
R_{YB}	120, 124, 132
Decimal	7896452
CIE Lab	52.20, -0.38, -4.45
CIE LCh	52, 4.464, 265.089
Yxy	20.3262, 0.2992, 0.3161
Android (android.graphics.Color)	4286086532 (0xFF787D84)
YUV	124.3030, 3.7946, -3.7737
Hunter-Lab	45.0846, -2.7059, -0.9745

Details

The XYZ color **19.2442, 20.3262, 24.7389** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4954, 21.4403, 20.8279**, and the grayscale version is **19.2487, 20.2511, 22.0535**.

A 20% lighter version of the original color is **41.6906, 44.1142, 52.2165**, and **6.8183, 7.1711, 9.2084** is the 20% darker color. If you saturate the color by 10%, you get **16.6013, 17.5731, 24.3471**, and if you desaturate by 10%, it is **22.2163, 23.3622, 25.1686**.

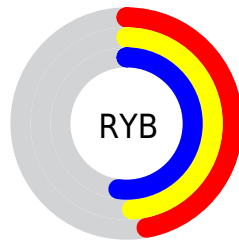
Distribution



Red (47%)

Green (49%)

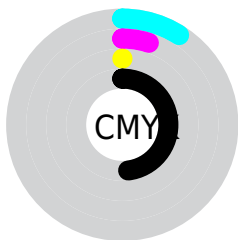
Blue (52%)



Red (47%)

Yellow (49%)

Blue (52%)

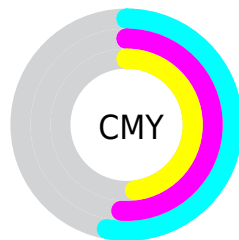


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (51%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2442, 20.3262, 24.7389 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 19.2442, 20.3262, 24.7389 by changing the saturation by 10% instead.

■ 19.2442, 20.3262,
24.7389

■ 19.2442, 20.3262,
24.7389

240.7059,
253.6756, 289.9411

■ 11.9519, 12.6324,
15.6654

■ 41.6600, 43.9634,
52.1922

■ 6.7829, 7.1759,
9.1359

■ 57.5143, 60.6756,
71.4090

■ 3.3718, 3.5723,
4.7319

■ 76.9532, 81.1627,
94.8441

■ 1.3533, 1.4373,
2.0349

100.3422,
105.8091, 122.9158

■ 0.2226, 0.2440,
0.5766

128.0466,
134.9992, 156.0429

■ 0.0000, 0.0000,
0.0000

160.4318,

169.1174, 194.6438

197.8631,
208.5480, 239.1370

■ 19.2442, 20.3262,
24.7389

■ 19.2442, 20.3262,
24.7389

■ 16.6013, 17.5731,
24.3471

■ 22.2163, 23.3622,
25.1686

■ 14.2737, 15.0917,
23.9908

■ 25.5270, 26.6869,
25.6358

■ 12.2495, 12.8736,
23.6694

■ 29.1878, 30.3090,
26.1420

■ 10.5148, 10.9091,
23.3816

■ 33.2089, 34.2361,
26.6881

■ 9.0550, 9.1878,
23.1263

■ 37.6002, 38.4755,
27.2749

■ 7.8540, 7.6983,
22.9021

■ 42.3710, 43.0343,
27.9034

■ 6.8935, 6.4283,
22.7076

■ 47.5306, 47.9193,
28.5744

■ 6.1530, 5.3639,
22.5412

■ 53.0876, 53.1370,
29.2886

■ 5.5805, 4.4748,
22.3997

■ 59.0506, 58.6939,
30.0469

Harmonies

Analogous

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



18.8202, 20.3262, 24.2634



19.2442, 20.3262, 24.7389



19.6950, 20.3262, 24.4936

Triad

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



19.2442, 20.3262, 24.7389



20.1274, 20.3262, 21.0803



18.6068, 20.3262, 20.7205

Complementary

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



19.2442, 20.3262, 24.7389



20.4954, 21.4403, 20.8279

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.



18.9487, 20.3262, 19.9269



19.2442, 20.3262, 24.7389



19.8275, 20.3262, 20.1288

Square

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



19.2442, 20.3262, 24.7389



20.2095, 20.3262, 22.3482



19.3949, 20.3262, 19.7146



18.4559, 20.3262, 21.9167

Rectangle

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



19.2442, 20.3262, 24.7389



19.9494, 20.3262, 23.9592



19.3949, 20.3262, 19.7146



18.7029, 20.3262, 20.3997

Sweetspot

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



19.2448, 20.3271, 24.7393



36.9815, 38.9657, 44.0252



19.8151, 22.0231, 23.2173



8.5190, 8.9791, 10.2368



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.



19.2448, 20.3271, 24.7393



32.8475, 34.7188, 43.4233



18.7389, 19.1498, 24.5388



4.5821, 4.8399, 5.8934



5.3613, 4.2705, 21.6784



0.0255, 0.0287, 0.0774

Inverse Universe

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



19.9343, 19.8196, 22.1779



34.3348, 33.6501, 37.8926



21.0329, 22.7002, 21.0427



4.7471, 4.7185, 5.2806



9.8843, 5.0181, 3.9629



0.0377, 0.0188, 0.0322

Previews

White Background



This preview shows how the XYZ color 19.2442, 20.3262, 24.7389 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 19.2442, 20.3262, 24.7389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

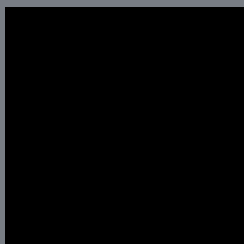
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

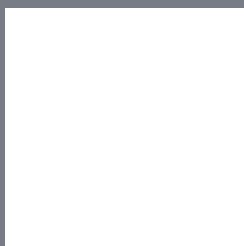
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2442, 20.3262, 24.7389

Background



This preview shows how black text looks on a background with the XYZ color 19.2442, 20.3262, 24.7389.



This preview shows how white text looks on a background with the XYZ color 19.2442, 20.3262,

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

19.2442, 20.3262, 24.7389

Protanopia

19.7618, 20.4140, 24.3715

Deuteranopia

20.7439, 20.3547, 25.0258



Tritanopia

19.3824, 20.3815, 25.4667

Trichromacy



Original Color

19.2442, 20.3262, 24.7389

Protanomaly

19.4728, 20.2650, 24.3579

Deuteranomaly

20.0953, 20.2017, 25.0305

Tritanomaly

19.3130, 20.3538, 25.1011

Monochromacy



Original Color

19.2442, 20.3262, 24.7389

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2068, 20.1586, 22.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2442, 20.3262, 24.7389 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(120, 125, 132) looks like.

```
.text, #text, p{  
    color:rgb(120, 125, 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(120, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 125, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.2442, 20.3262, 24.7389 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(120, 125, 132) }
```


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

```
.border{ border-color:rgb(120, 125, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 125, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(120, 125,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2442, 20.3262, 24.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 125, 132) }
```

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

```
.background{ background-color: rgb(120,  
125, 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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