

Converting Colors

XYZ(18.3152, 20.0517, 24.8736)

Have a look what the booklet for
XYZ(18.3152, 20.0517, 24.8736)
contains.

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Color

**XYZ(18.3078, 20.0324,
24.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	707E84
RGB	112, 126, 132
RGB Percent	44%, 49%, 52%
CMY	0.5608, 0.5059, 0.4823
CMYK	0.15, 0.05, 0.00, 0.48
HSL	198°, 8%, 48%
HSV	198°, 15%, 52%
XYZ	18.3078, 20.0324, 24.7315
YIQ	122.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

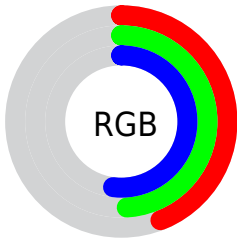
Format	Color
R_{YB}	112, 120, 132
Decimal	7372420
CIE Lab	51.87, -3.80, -5.00
CIE LCh	52, 6.284, 232.787
Yxy	20.0324, 0.2903, 0.3176
Android (android.graphics.Color)	4285562500 (0xFF707E84)
YUV	122.4980, 4.6845, -9.2067
Hunter-Lab	44.7576, -5.3115, -1.4313

Details

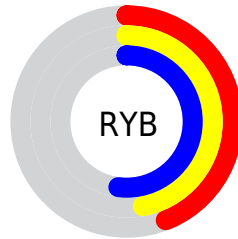
The XYZ color **18.3078, 20.0324, 24.7315** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.9189, 19.0322, 18.0060**, and the grayscale version is **18.6496, 19.6209, 21.3671**.

A 20% lighter version of the original color is **40.1869, 43.6355, 52.2034**, and **6.3296, 7.0223, 9.2054** is the 20% darker color. If you saturate the color by 10%, you get **16.2538, 18.2373, 24.4936**, and if you desaturate by 10%, it is **20.6293, 21.9962, 24.9885**.

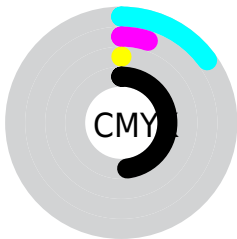
Distribution



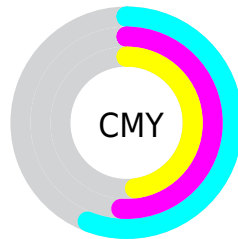
- Red (44%)
- Green (49%)
- Blue (52%)



- Red (44%)
- Yellow (47%)
- Blue (52%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (56%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3078, 20.0324, 24.7315 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 18.3078, 20.0324, 24.7315 by changing the saturation by 10% instead.

■ 18.3078, 20.0324,
24.7315

■ 18.3078, 20.0324,
24.7315

235.6125,
252.0905, 289.9029

■ 11.2722, 12.4186,
15.6599

■ 40.0871, 43.4715,
52.1800

■ 6.3189, 7.0294,
9.1321

■ 55.5615, 60.0656,
71.3940

■ 3.0824, 3.4805,
4.7295

■ 74.5796, 80.4219,
94.8259

■ 1.1975, 1.3874,
2.0335

■ 97.5067, 104.9248,
122.8943

■ 0.1044, 0.2074,
0.5757

124.7082,
133.9587, 156.0176

■ 0.0000, 0.0000,
0.0000

156.5494,

167.9080, 194.6145

193.3957,
207.1572, 239.1034

■ 18.3078, 20.0324,
24.7315

■ 18.3078, 20.0324,
24.7315

■ 16.2538, 18.2373,
24.4936

■ 20.6293, 21.9962,
24.9885

■ 14.4545, 16.6025,
24.2729

■ 23.2268, 24.1318,
25.2638

■ 12.8990, 15.1223,
24.0692

■ 26.1105, 26.4453,
25.5584

■ 11.5745, 13.7900,
23.8818

■ 29.2896, 28.9419,
25.8727

■ 10.4673, 12.5980,
23.7101

■ 32.7730, 31.6263,
26.2073

■ 9.5617, 11.5380,
23.5532

■ 36.5689, 34.5033,
26.5625

■ 8.8403, 10.6005,
23.4103

■ 40.6856, 37.5772,
26.9389

■ 8.2774, 9.7719,
23.2800

■ 45.1306, 40.8525,
27.3368

■ 8.0279, 9.3920,
23.2198

■ 49.9116, 44.3332,
27.7566

Harmonies

Analogous

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



17.9313, 20.0324, 23.2012



18.3078, 20.0324, 24.7315



18.8866, 20.0324, 25.4867

Triad

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



18.3078, 20.0324, 24.7315



20.2835, 20.0324, 22.2560



18.5690, 20.0324, 18.7302

Complementary

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



18.3078, 20.0324, 24.7315



18.9189, 19.0322, 18.0060

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.



19.1947, 20.0324, 18.5084



18.3078, 20.0324, 24.7315



20.1939, 20.0324, 20.4791

Square

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



18.3078, 20.0324, 24.7315



20.0341, 20.0324, 24.0066



19.7919, 20.0324, 19.1316



18.0797, 20.0324, 19.7551

Rectangle

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



18.3078, 20.0324, 24.7315



19.3130, 20.0324, 25.4210



19.7919, 20.0324, 19.1316



18.7699, 20.0324, 18.5616

Sweetspot

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



18.3084, 20.0332, 24.7319



36.3551, 38.7599, 44.0185



18.1839, 21.2477, 20.1790



8.4038, 8.9737, 10.2419



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.



18.3084, 20.0332, 24.7319



31.0227, 34.2279, 43.4247



17.1312, 17.6788, 24.3395



4.6869, 5.0493, 5.9283



7.7777, 9.1033, 22.4839



0.0333, 0.0443, 0.0800

Inverse Universe

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



19.0762, 18.0007, 22.2087



32.6427, 30.0210, 38.0830



20.1164, 21.4273, 18.4052



4.8000, 4.7397, 5.5590



11.1040, 5.5059, 10.3857



0.0417, 0.0204, 0.0530

Previews

White Background



This preview shows how the XYZ color 18.3078, 20.0324, 24.7315 looks on a white background.

Color Contrast Check

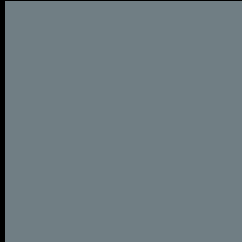
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3078, 20.0324, 24.7315 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

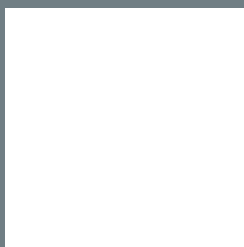
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3078, 20.0324, 24.7315

Background



This preview shows how black text looks on a background with the XYZ color 18.3078, 20.0324, 24.7315.



This preview shows how white text looks on a background with the XYZ color 18.3078, 20.0324,

24.7315.

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

18.3078, 20.0324, 24.7315

Protanopia

19.4244, 20.0627, 23.9678

Deuteranopia

20.3102, 19.9517, 24.9709



Tritanopia

18.5168, 19.9272, 25.7921

Trichromacy



Original Color

18.3078, 20.0324, 24.7315

Protanomaly

19.0501, 20.0471, 24.3382

Deuteranomaly

19.5054, 19.8976, 25.0029

Tritanomaly

18.4467, 19.8992, 25.4229

Monochromacy



Original Color

18.3078, 20.0324, 24.7315

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5813, 19.8436, 22.5895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3078, 20.0324, 24.7315 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(112, 126, 132)` looks like.

```
.text, #text, p{  
    color:rgb(112, 126, 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(112, 126, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 126, 132) }
```

Border

The CSS property to change the border of an element to XYZ 18.3078, 20.0324, 24.7315 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(112, 126, 132) }
```


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

```
.border{ border-color:rgb(112, 126, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 126, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 126, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 126, 132);  
box-shadow:4px 4px 4px 4px rgb(112, 126,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3078, 20.0324, 24.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 126, 132) }
```

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

```
.background{ background-color: rgb(112,  
126, 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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