

Converting Colors

XYZ(20.1238, 21.1760, 24.8328)

Have a look what the booklet for
XYZ(20.1238, 21.1760, 24.8328)
contains.

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Color

**XYZ(20.0664, 21.1298,
24.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7F84
RGB	124, 127, 132
RGB Percent	49%, 50%, 52%
CMY	0.5137, 0.5019, 0.4823
CMYK	0.06, 0.04, 0.00, 0.48
HSL	217°, 3%, 50%
HSV	217°, 6%, 52%
XYZ	20.0664, 21.1298, 24.8506
YIQ	126.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

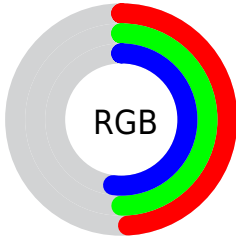
Format	Color
R_{YB}	124, 126, 132
Decimal	8159108
CIE Lab	53.09, -0.08, -3.10
CIE LCh	53, 3.102, 268.462
Yxy	21.1298, 0.3038, 0.3199
Android (android.graphics.Color)	4286349188 (0xFF7C7F84)
YUV	126.6730, 2.6262, -2.3442
Hunter-Lab	45.9672, -2.5206, 0.1239

Details

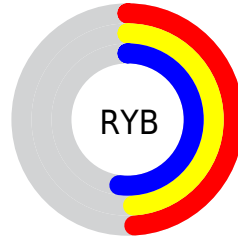
The XYZ color **20.0664, 21.1298, 24.8506** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0040, 22.0610, 22.2202**, and the grayscale version is **20.0534, 21.0977, 22.9754**.

A 20% lighter version of the original color is **43.2097, 45.4924, 52.4025**, and **7.1874, 7.5692, 9.2658** is the 20% darker color. If you saturate the color by 10%, you get **17.2634, 18.1685, 24.4271**, and if you desaturate by 10%, it is **23.2132, 24.3989, 25.3161**.

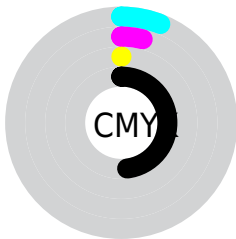
Distribution



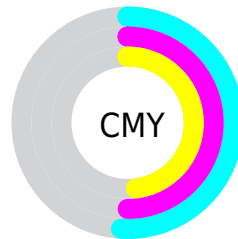
- Red (49%)
- Green (50%)
- Blue (52%)



- Red (49%)
- Yellow (49%)
- Blue (52%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0664, 21.1298, 24.8506 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 20.0664, 21.1298, 24.8506 by changing the saturation by 10% instead.

■ 20.0664, 21.1298,
24.8506

■ 20.0664, 21.1298,
24.8506

245.1011,
257.9675, 290.5169

■ 12.5519, 13.2189,
15.7478

■ 43.0316, 45.3035,
52.3759

■ 7.1956, 7.5795,
9.1934

■ 59.2129, 62.3350,
71.6354

■ 3.6321, 3.8271,
4.7690

■ 79.0139, 83.1756,
95.1175

■ 1.4962, 1.5773,
2.0560

102.7999,
108.2096, 123.2409

■ 0.3232, 0.3422,
0.5894

130.9363,
137.8214, 156.4240

■ 0.0000, 0.0000,
0.0000

163.7884,

172.3954, 195.0853

201.7215,
212.3159, 239.6434

■ 20.0664, 21.1298,
24.8506

■ 20.0664, 21.1298,
24.8506

■ 17.2634, 18.1685,
24.4271

■ 23.2132, 24.3989,
25.3161

■ 14.7902, 15.5029,
24.0429

■ 26.7135, 27.9821,
25.8232

■ 12.6345, 13.1242,
23.6974

■ 30.5789, 31.8888,
26.3735

■ 10.7826, 11.0219,
23.3892

■ 34.8198, 36.1271,
26.9681

■ 9.2195, 9.1848,
23.1170

■ 39.4463, 40.7050,
27.6079

■ 7.9292, 7.6011,
22.8793

■ 44.4680, 45.6300,
28.2938

■ 6.8936, 6.2575,
22.6746

■ 49.8943, 50.9095,
29.0269

■ 6.0925, 5.1396,
22.5010

■ 55.7341, 56.5507,
29.8080

■ 5.4935, 4.2265,
22.3563

■ 61.9962, 62.5605,
30.6379

Harmonies

Analogous

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



19.7568, 21.1298, 24.5728



20.0664, 21.1298, 24.8506



20.3838, 21.1298, 24.6233

Triad

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



20.0664, 21.1298, 24.8506



20.6400, 21.1298, 22.1608



19.5531, 21.1298, 22.0794

Complementary

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



20.0664, 21.1298, 24.8506



21.0040, 22.0610, 22.2202

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.



19.7856, 21.1298, 21.4626



20.0664, 21.1298, 24.8506



20.4133, 21.1298, 21.5087

Square

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



20.0664, 21.1298, 24.8506



20.7171, 21.1298, 23.0550



20.1001, 21.1298, 21.2565



19.4624, 21.1298, 22.9585

Rectangle

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



20.0664, 21.1298, 24.8506



20.5567, 21.1298, 24.2193



20.1001, 21.1298, 21.2565



19.6171, 21.1298, 21.8354

Sweetspot

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



20.0670, 21.1307, 24.8511



37.4995, 39.4674, 44.0947



20.5218, 22.3711, 23.9824



8.7486, 9.2075, 10.2688



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.



20.0670, 21.1307, 24.8511



34.7773, 36.6234, 43.6892



19.8205, 20.4365, 24.7301



4.6932, 4.9424, 5.9074



5.1229, 3.7936, 21.5989



0.0244, 0.0264, 0.0770

Inverse Universe

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



20.5546, 20.8535, 23.0216



35.7861, 36.0577, 39.9023



21.2600, 22.7887, 22.3472



4.8324, 4.8645, 5.3849



9.7639, 4.9699, 3.3291



0.0372, 0.0186, 0.0291

Previews

White Background



This preview shows how the XYZ color 20.0664, 21.1298, 24.8506 looks on a white background.

Color Contrast Check

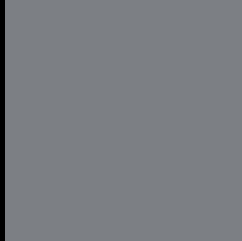
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0664, 21.1298, 24.8506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

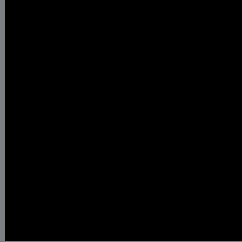
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0664, 21.1298, 24.8506

Background



This preview shows how black text looks on a background with the XYZ color 20.0664, 21.1298, 24.8506.



This preview shows how white text looks on a background with the XYZ color 20.0664, 21.1298,

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

20.0664, 21.1298, 24.8506

Protanopia

20.4597, 21.1496, 24.4767

Deuteranopia

21.4699, 21.0936, 25.1302



Tritanopia

20.3622, 21.0593, 26.2842

Trichromacy



Original Color

20.0664, 21.1298, 24.8506

Protanomaly

20.3100, 21.0724, 24.4697

Deuteranomaly

20.9570, 21.0143, 25.1419

Tritanomaly

20.2915, 21.0310, 25.9116

Monochromacy



Original Color

20.0664, 21.1298, 24.8506

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.1560, 21.1993, 23.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0664, 21.1298, 24.8506 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(124, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 127, 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(124, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 127, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.0664, 21.1298, 24.8506 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(124, 127, 132) }
```


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

```
.border{ border-color:rgb(124, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 127,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0664, 21.1298, 24.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 127, 132) }
```

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

```
.background{ background-color: rgb(124,  
127, 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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