

Converting Colors

XYZ(17.5394, 18.5853, 23.9830)

Have a look what the booklet for
XYZ(17.5394, 18.5853, 23.9830)
contains.

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Color

**XYZ(17.4953, 18.5164,
24.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	707883
RGB	112, 120, 131
RGB Percent	44%, 47%, 51%
CMY	0.5608, 0.5294, 0.4863
CMYK	0.15, 0.08, 0.00, 0.49
HSL	215°, 8%, 48%
HSV	215°, 15%, 51%
XYZ	17.4953, 18.5164, 24.1246
YIQ	118.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

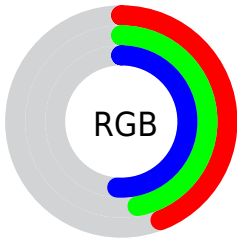
Format	Color
R_{YB}	112, 118, 131
Decimal	7370883
CIE _{Lab}	50.12, -0.56, -7.03
CIE _{LCh}	50, 7.050, 265.425
Yxy	18.5164, 0.2909, 0.3079
Android (android.graphics.Color)	4285560963 (0xFF707883)
YUV	118.8620, 5.9840, -6.0180
Hunter-Lab	43.0307, -2.7297, -3.1187

Details

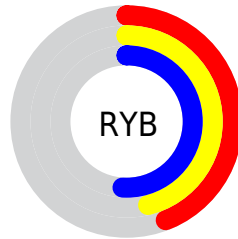
The XYZ color **17.4953, 18.5164, 24.1246** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3677, 20.1609, 18.2003**, and the grayscale version is **17.4750, 18.3850, 20.0213**.

A 20% lighter version of the original color is **38.7141, 40.8583, 51.1934**, and **5.9547, 6.3339, 8.8914** is the 20% darker color. If you saturate the color by 10%, you get **15.0722, 15.9670, 23.7605**, and if you desaturate by 10%, it is **20.2343, 21.3368, 24.5249**.

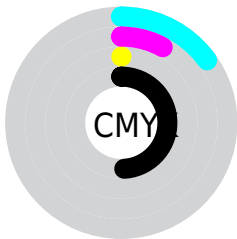
Distribution



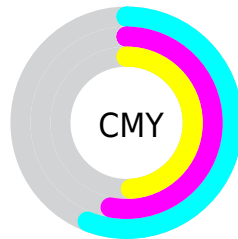
- Red (44%)
- Green (47%)
- Blue (51%)



- Red (44%)
- Yellow (46%)
- Blue (51%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4953, 18.5164, 24.1246 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 17.4953, 18.5164, 24.1246 by changing the saturation by 10% instead.

■ 17.4953, 18.5164,
24.1246

■ 17.4953, 18.5164,
24.1246

231.1117,
243.7658, 286.7566

■ 10.6857, 11.3214,
15.2130

■ 38.7123, 40.9153,
51.1798

■ 5.9217, 6.2834,
8.8207

■ 53.8504, 56.8880,
70.1606

■ 2.8377, 3.0182,
4.5292

■ 72.4955, 76.5553,
93.3348

■ 1.0685, 1.1412,
1.9199

■ 95.0128, 100.3017,
121.1210

■ 0.0000, 0.0129,
0.5054

121.7677,
128.5116, 153.9377

■ 0.0000, 0.0000,
0.0000

153.1256,

161.5693, 192.2035

189.4518,
199.8592, 236.3370

■ 17.4953, 18.5164,
24.1246

■ 17.4953, 18.5164,
24.1246

■ 15.0722, 15.9670,
23.7605

■ 20.2343, 21.3368,
24.5249

■ 12.9512, 13.6777,
23.4304

■ 23.2989, 24.4343,
24.9613

■ 11.1200, 11.6399,
23.1336

■ 26.7006, 27.8174,
25.4350

■ 9.5647, 9.8439,
22.8689

■ 30.4495, 31.4937,
25.9470

■ 8.2701, 8.2791,
22.6351

■ 34.5556, 35.4705,
26.4982

■ 7.2195, 6.9340,
22.4308

■ 39.0282, 39.7548,
27.0894

■ 6.3939, 5.7956,
22.2546

■ 43.8766, 44.3533,
27.7215

■ 5.7684, 4.8481,
22.1047

■ 49.1094, 49.2725,
28.3952

■ 5.4711, 4.3873,
22.0315

■ 54.7351, 54.5187,
29.1113

Harmonies

Analogous

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



16.8684, 18.5164, 23.4007



17.4953, 18.5164, 24.1246



18.1660, 18.5164, 23.7318

Triad

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



17.4953, 18.5164, 24.1246



18.8055, 18.5164, 18.5975



16.5456, 18.5164, 18.1120

Complementary

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



17.4953, 18.5164, 24.1246



19.3677, 20.1609, 18.2003

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.



17.0445, 18.5164, 16.9680



17.4953, 18.5164, 24.1246



18.3510, 18.5164, 17.2354

Square

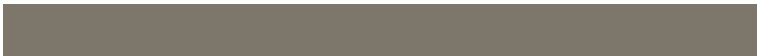
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.4953, 18.5164, 24.1246



18.9336, 18.5164, 20.4611



17.7037, 18.5164, 16.6576



16.3291, 18.5164, 19.8643

Rectangle

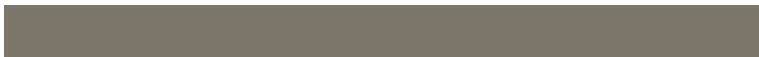
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.4953, 18.5164, 24.1246



18.5462, 18.5164, 22.9022



17.7037, 18.5164, 16.6576



16.6852, 18.5164, 17.6481

Sweetspot

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



17.4958, 18.5172, 24.1250



36.4489, 38.4274, 43.9493



18.3593, 21.1019, 21.7681



8.4047, 8.8638, 10.2206



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.



17.4958, 18.5172, 24.1250



30.0202, 31.7918, 43.0073



16.7357, 16.7558, 23.8251



4.5837, 4.8430, 5.8940



5.3879, 4.3237, 21.6873



0.0256, 0.0289, 0.0775

Inverse Universe

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



18.5448, 17.7701, 20.2228



32.2419, 30.2636, 34.7304



20.2063, 22.1275, 18.5357



4.7479, 4.7188, 5.2848



9.8977, 5.0234, 4.0336



0.0378, 0.0188, 0.0325

Previews

White Background



This preview shows how the XYZ color 17.4953, 18.5164, 24.1246 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 17.4953, 18.5164, 24.1246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

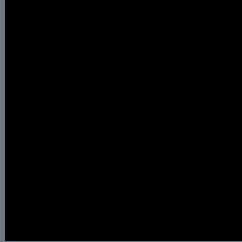
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4953, 18.5164, 24.1246

Background



This preview shows how black text looks on a background with the XYZ color 17.4953, 18.5164, 24.1246.

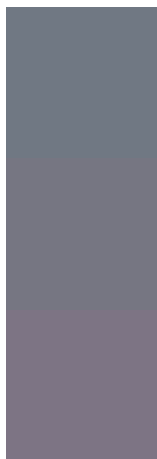


This preview shows how white text looks on a background with the XYZ color 17.4953, 18.5164,

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

17.4953, 18.5164, 24.1246

Protanopia

17.9789, 18.4201, 23.7269

Deuteranopia

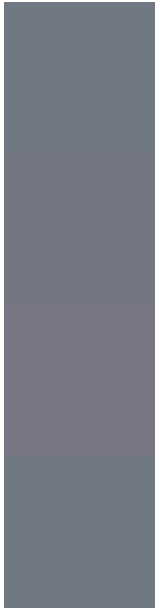
18.8677, 18.5167, 24.4094



Tritanopia

17.4278, 18.4894, 23.7694

Trichromacy



Original Color

17.4953, 18.5164, 24.1246

Protanomaly

17.8285, 18.5184, 23.7538

Deuteranomaly

18.2719, 18.3816, 24.4148

Tritanomaly

17.4278, 18.4894, 23.7694

Monochromacy



Original Color

17.4953, 18.5164, 24.1246

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3744, 18.3367, 21.3625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4953, 18.5164, 24.1246 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, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 120, 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(112, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 120, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.4953, 18.5164, 24.1246 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, 120, 131) }
```


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

```
.border{ border-color:rgb(112, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 120,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4953, 18.5164, 24.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 120, 131) }
```

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

```
.background{ background-color: rgb(112,  
120, 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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