

Converting Colors

XYZ(18.3409, 20.2486, 25.3641)

Have a look what the booklet for
XYZ(18.3409, 20.2486, 25.3641)
contains.

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Color

**XYZ(18.3229, 20.2150,
25.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7F86
RGB	110, 127, 134
RGB Percent	43%, 50%, 53%
CMY	0.5686, 0.5019, 0.4745
CMYK	0.18, 0.05, 0.00, 0.47
HSL	197°, 10%, 48%
HSV	197°, 18%, 53%
XYZ	18.3229, 20.2150, 25.4904
YIQ	122.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

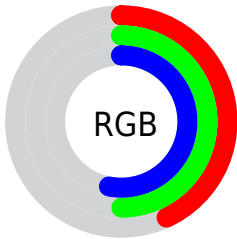
Format	Color
R_{YB}	110, 120, 134
Decimal	7241606
CIE _{Lab}	52.08, -4.61, -5.89
CIE _{LCh}	52, 7.474, 231.946
Yxy	20.2150, 0.2862, 0.3157
Android (android.graphics.Color)	4285431686 (0xFF6E7F86)
YUV	122.7150, 5.5635, -11.1511
Hunter-Lab	44.9611, -5.9382, -2.1413

Details

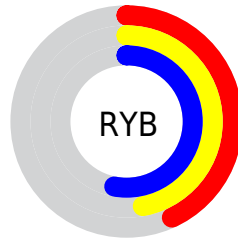
The XYZ color **18.3229, 20.2150, 25.4904** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0075, 18.9168, 17.4019**, and the grayscale version is **18.7186, 19.6934, 21.4461**.

A 20% lighter version of the original color is **40.1912, 43.9118, 53.3712**, and **6.3112, 7.1130, 9.4278** is the 20% darker color. If you saturate the color by 10%, you get **16.2854, 18.4304, 25.2537**, and if you desaturate by 10%, it is **20.6334, 22.1704, 25.7464**.

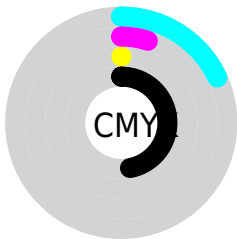
Distribution



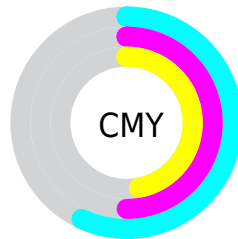
- Red (43%)
- Green (50%)
- Blue (53%)



- Red (43%)
- Yellow (47%)
- Blue (53%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (57%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3229, 20.2150, 25.4904 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 18.3229, 20.2150, 25.4904 by changing the saturation by 10% instead.

■ 18.3229, 20.2150,
25.4904

■ 18.3229, 20.2150,
25.4904

235.6954,
253.0767, 293.7969

■ 11.2832, 12.5514,
16.2205

■ 40.1126, 43.7774,
53.4256

■ 6.3263, 7.1204,
9.5242

■ 55.5932, 60.4449,
72.9280

■ 3.0870, 3.5375,
4.9832

■ 74.6181, 80.8826,
96.6783

■ 1.2000, 1.4184,
2.1789

■ 97.5528, 105.4748,
125.0950

■ 0.1063, 0.2302,
0.6621

124.7625,
134.6059, 158.5966

■ 0.0000, 0.0000,
0.0000

156.6126,

168.6603, 197.6018

193.4684,
208.0225, 242.5291

■ 18.3229, 20.2150,
25.4904

■ 18.3229, 20.2150,
25.4904

■ 16.2854, 18.4304,
25.2537

■ 20.6334, 22.1704,
25.7464

■ 14.5075, 16.8079,
25.0342

■ 23.2258, 24.3000,
26.0208

■ 12.9774, 15.3415,
24.8318

■ 26.1109, 26.6102,
26.3146

■ 11.6818, 14.0241,
24.6458

■ 29.2983, 29.1062,
26.6284

■ 10.6058, 12.8477,
24.4754

■ 32.7974, 31.7932,
26.9627

■ 9.7330, 11.8033,
24.3198

■ 36.6168, 34.6760,
27.3178

■ 9.0440, 10.8807,
24.1781

■ 40.7650, 37.7592,
27.6943

■ 8.4977, 10.0584,
24.0481

■ 45.2502, 41.0472,
28.0925

■ 8.3888, 9.8925,
24.0219

■ 50.0802, 44.5445,
28.5130

Harmonies

Analogous

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



17.8839, 20.2150, 23.6198



18.3229, 20.2150, 25.4904



19.0088, 20.2150, 26.4419

Triad

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



18.3229, 20.2150, 25.4904



20.7044, 20.2150, 22.6051



18.6703, 20.2150, 18.3365

Complementary

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



18.3229, 20.2150, 25.4904



19.0075, 18.9168, 17.4019

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.



19.4202, 20.2150, 18.1044



18.3229, 20.2150, 25.4904



20.6080, 20.2150, 20.4764

Square

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



18.3229, 20.2150, 25.4904



20.3932, 20.2150, 24.7056



20.1330, 20.2150, 18.8630



18.0807, 20.2150, 19.5193

Rectangle

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



18.3229, 20.2150, 25.4904



19.5192, 20.2150, 26.3859



20.1330, 20.2150, 18.8630



18.9115, 20.2150, 18.1480

Sweetspot

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



18.3235, 20.2158, 25.4909



37.5813, 40.0805, 45.4940



18.1551, 21.6452, 19.9896



8.4072, 8.9805, 10.2430



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.



18.3235, 20.2158, 25.4909



30.9543, 34.4668, 44.7597



16.8875, 17.3439, 25.0122



4.6900, 5.0556, 5.9294



7.8709, 9.2895, 22.5149



0.0336, 0.0448, 0.0801

Inverse Universe

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



19.2387, 17.7530, 22.4923



32.8572, 29.4538, 38.5013



20.4703, 21.8424, 17.8895



4.8015, 4.7403, 5.5673



11.1510, 5.5247, 10.6332



0.0418, 0.0204, 0.0536

Previews

White Background



This preview shows how the XYZ color 18.3229, 20.2150, 25.4904 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 18.3229, 20.2150, 25.4904 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

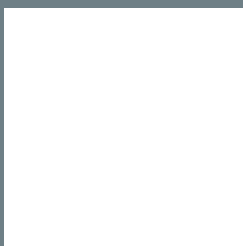
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3229, 20.2150, 25.4904

Background



This preview shows how black text looks on a background with the XYZ color 18.3229, 20.2150, 25.4904.



This preview shows how white text looks on a background with the XYZ color 18.3229, 20.2150,

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

18.3229, 20.2150, 25.4904

Protanopia

19.5600, 20.1169, 24.6818

Deuteranopia

20.5706, 20.2493, 25.7460



Tritanopia

18.6603, 20.3644, 26.6141

Trichromacy



Original Color

18.3229, 20.2150, 25.4904

Protanomaly

19.0490, 20.0307, 25.0526

Deuteranomaly

19.6245, 20.1261, 25.7721

Tritanomaly

18.5889, 20.3358, 26.2380

Monochromacy



Original Color

18.3229, 20.2150, 25.4904

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5096, 19.7992, 22.9247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3229, 20.2150, 25.4904 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(110, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(110, 127, 134)  
}
```

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(110, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.3229, 20.2150, 25.4904 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(110, 127, 134) }
```


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

```
.border{ border-color:rgb(110, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(110, 127,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3229, 20.2150, 25.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 127, 134) }
```

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

```
.background{ background-color: rgb(110,  
127, 134) }
```

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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