

Converting Colors

XYZ(19.7152, 20.5952, 24.9651)

Have a look what the booklet for
XYZ(19.7152, 20.5952, 24.9651)
contains.

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Color

**XYZ(19.7356, 20.5716,
25.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7D85
RGB	123, 125, 133
RGB Percent	48%, 49%, 52%
CMY	0.5176, 0.5098, 0.4784
CMYK	0.08, 0.06, 0.00, 0.48
HSL	228°, 4%, 50%
HSV	228°, 8%, 52%
XYZ	19.7356, 20.5716, 25.1208
YIQ	125.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

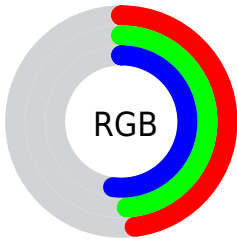
Format	Color
RYB	123, 125, 133
Decimal	8093061
CIELab	52.48, 0.92, -4.60
CIELCh	52, 4.691, 281.279
Yxy	20.5716, 0.3016, 0.3144
Android (android.graphics.Color)	4286283141 (0xFF7B7D85)
YUV	125.3140, 3.7892, -2.0294
Hunter-Lab	45.3559, -1.7027, -1.0892

Details

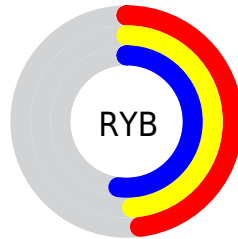
The XYZ color **19.7356, 20.5716, 25.1208** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.3644, 22.6490, 21.9849**, and the grayscale version is **19.5878, 20.6079, 22.4420**.

A 20% lighter version of the original color is **42.4625, 44.4999, 52.8057**, and **7.0087, 7.2648, 9.4204** is the 20% darker color. If you saturate the color by 10%, you get **16.6856, 17.1065, 24.6130**, and if you desaturate by 10%, it is **23.1896, 24.4602, 25.6896**.

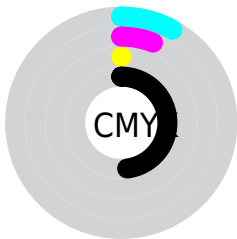
Distribution



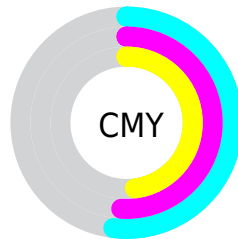
- Red (48%)
- Green (49%)
- Blue (52%)



- Red (48%)
- Yellow (49%)
- Blue (52%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7356, 20.5716, 25.1208 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 19.7356, 20.5716, 25.1208 by changing the saturation by 10% instead.

■ 19.7356, 20.5716,
25.1208

■ 19.7356, 20.5716,
25.1208

243.3411,
254.9929, 291.9059

■ 12.3101, 12.8112,
15.9472

■ 42.4808, 44.3735,
52.8197

■ 7.0290, 7.2987,
9.3329

■ 58.5312, 61.1837,
72.1821

■ 3.5267, 3.6496,
4.8592

■ 78.1874, 81.7794,
95.7778

■ 1.4380, 1.4795,
2.1076

101.8146,
106.5449, 124.0255

■ 0.2831, 0.2743,
0.6203

129.7782,
135.8646, 157.3436

■ 0.0000, 0.0000,
0.0000

162.4436,

170.1229, 196.1507

200.1761,
209.7042, 240.8653

■ 19.7356, 20.5716,
25.1208

■ 19.7356, 20.5716,
25.1208

■ 16.6856, 17.1065,
24.6130

■ 23.1896, 24.4602,
25.6896

■ 14.0228, 14.0480,
24.1630

■ 27.0599, 28.7833,
26.3201

■ 11.7322, 11.3816,
23.7691

■ 31.3604, 33.5549,
27.0145

■ 9.7967, 9.0913,
23.4290

■ 36.1040, 38.7876,
27.7744

■ 8.1981, 7.1596,
23.1404

■ 41.3029, 44.4932,
28.6017

■ 6.9166, 5.5679,
22.9007

■ 46.9689, 50.6834,
29.4979

■ 5.9300, 4.2957,
22.7072

■ 53.1133, 57.3693,
30.4646

■ 5.2133, 3.3200,
22.5566

■ 59.7472, 64.5617,
31.5032

■ 4.7209, 2.6066,
22.4449

■ 66.8810, 72.2711,
32.6153

Harmonies

Analogous

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



19.2550, 20.5716, 25.0241



19.7356, 20.5716, 25.1208



20.1742, 20.5716, 24.4660

Triad

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



19.7356, 20.5716, 25.1208



20.2617, 20.5716, 20.6833



18.6829, 20.5716, 21.5529

Complementary

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



19.7356, 20.5716, 25.1208



21.3644, 22.6490, 21.9849

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.



18.9441, 20.5716, 20.4517



19.7356, 20.5716, 25.1208



19.8534, 20.5716, 19.9642

Square

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



19.7356, 20.5716, 25.1208



20.4813, 20.5716, 21.8808



19.3709, 20.5716, 19.8812



18.6526, 20.5716, 22.9253

Rectangle

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



19.7356, 20.5716, 25.1208



20.3817, 20.5716, 23.7067



19.3709, 20.5716, 19.8812



18.7464, 20.5716, 21.1402

Sweetspot

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



19.7362, 20.5725, 25.1213



38.6369, 40.5559, 45.5301



20.6417, 22.6205, 24.6921



8.7245, 9.1593, 10.2608



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.



19.7362, 20.5725, 25.1213



34.3722, 35.7420, 44.8257



19.8965, 20.2827, 25.0569



4.5044, 4.6845, 5.8675



4.4028, 2.3534, 21.3589



0.0195, 0.0167, 0.0754

Inverse Universe

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



20.4579, 20.6335, 22.3074



35.9397, 35.8837, 38.7124



21.1945, 22.9644, 22.0547



4.7079, 4.7028, 5.0741



9.4004, 4.8245, 1.4151



0.0347, 0.0176, 0.0162

Previews

White Background



This preview shows how the XYZ color 19.7356, 20.5716, 25.1208 looks on a white background.

Color Contrast Check

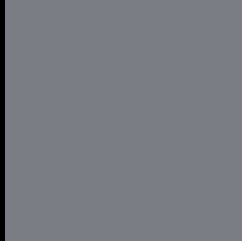
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7356, 20.5716, 25.1208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

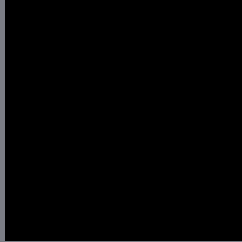
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7356, 20.5716, 25.1208

Background



This preview shows how black text looks on a background with the XYZ color 19.7356, 20.5716, 25.1208.



This preview shows how white text looks on a background with the XYZ color 19.7356, 20.5716,

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

19.7356, 20.5716, 25.1208

Protanopia

19.8987, 20.4687, 25.0924

Deuteranopia

20.9355, 20.6268, 25.4322



Tritanopia

19.8752, 20.6275, 25.8556

Trichromacy



Original Color

19.7356, 20.5716, 25.1208

Protanomaly

19.7535, 20.3938, 25.0856

Deuteranomaly

20.4393, 20.5543, 25.4444

Tritanomaly

19.8051, 20.5994, 25.4865

Monochromacy



Original Color

19.7356, 20.5716, 25.1208

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.5421, 20.5108, 23.3511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7356, 20.5716, 25.1208 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(123, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(123, 125, 133)  
}
```

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(123, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 19.7356, 20.5716, 25.1208 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(123, 125, 133) }
```


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

```
.border{ border-color:rgb(123, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(123, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7356, 20.5716, 25.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 125, 133) }
```

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

```
.background{ background-color: rgb(123,  
125, 133) }
```

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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