

Converting Colors

XYZ(19.0352, 21.0234, 26.1392)

Have a look what the booklet for
XYZ(19.0352, 21.0234, 26.1392)
contains.

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Color

**XYZ(18.9055, 20.8945,
25.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	708187
RGB	112, 129, 135
RGB Percent	44%, 51%, 53%
CMY	0.5608, 0.4941, 0.4706
CMYK	0.17, 0.04, 0.00, 0.47
HSL	196°, 9%, 48%
HSV	196°, 17%, 53%
XYZ	18.9055, 20.8945, 25.9583
YIQ	124.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

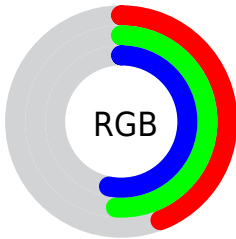
Format	Color
R_{YB}	112, 122, 135
Decimal	7373191
CIE _{Lab}	52.83, -4.83, -5.33
CIE _{LCh}	53, 7.196, 227.844
Yxy	20.8945, 0.2875, 0.3177
Android (android.graphics.Color)	4285563271 (0xFF708187)
YUV	124.6010, 5.1267, -11.0511
Hunter-Lab	45.7105, -6.1672, -1.6725

Details

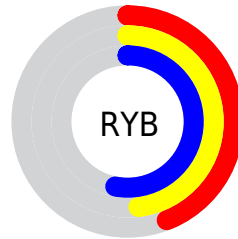
The XYZ color **18.9055, 20.8945, 25.9583** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3949, 19.2776, 18.0283**, and the grayscale version is **19.3457, 20.3532, 22.1646**.

A 20% lighter version of the original color is **41.1149, 44.9793, 54.0918**, and **6.6227, 7.4832, 9.6897** is the 20% darker color. If you saturate the color by 10%, you get **16.8593, 19.1635, 25.7324**, and if you desaturate by 10%, it is **21.2265, 22.7920, 26.2026**.

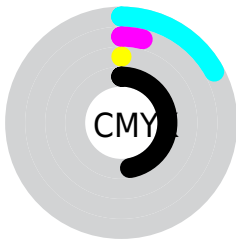
Distribution



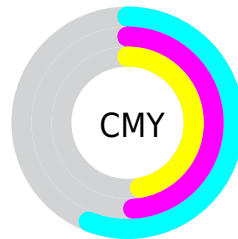
- Red (44%)
- Green (51%)
- Blue (53%)



- Red (44%)
- Yellow (48%)
- Blue (53%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9055, 20.8945, 25.9583 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 18.9055, 20.8945, 25.9583 by changing the saturation by 10% instead.

■ 18.9055, 20.8945,
25.9583

■ 18.9055, 20.8945,
25.9583

238.8747,
256.7173, 296.1763

■ 11.7056, 13.0469,
16.5670

■ 41.0925, 44.9119,
54.1909

■ 6.6143, 7.4609,
9.7675

■ 56.8103, 61.8505,
73.8693

■ 3.2663, 3.7519,
5.1415

■ 76.0981, 82.5882,
97.8137

■ 1.2961, 1.5358,
2.2703

■ 99.3212, 107.5094,
126.4428

■ 0.1803, 0.3137,
0.7145

126.8451,
136.9985, 160.1751

■ 0.0000, 0.0000,
0.0000

159.0351,

171.4399, 199.4291

196.2565,
211.2181, 244.6233

■ 18.9055, 20.8945,
25.9583

■ 18.9055, 20.8945,
25.9583

■ 16.8593, 19.1635,
25.7324

■ 21.2265, 22.7920,
26.2026

■ 15.0744, 17.5902,
25.5228

■ 23.8313, 24.8592,
26.4643

■ 13.5391, 16.1688,
25.3293

■ 26.7309, 27.1025,
26.7445

■ 12.2398, 14.8920,
25.1514

■ 29.9348, 29.5271,
27.0436

■ 11.1617, 13.7521,
24.9882

■ 33.4525, 32.1382,
27.3622

10.2881, 12.7401,
24.8389

37.2927, 34.9403,
27.7006

9.5998, 11.8459,
24.7025

41.4640, 37.9382,
28.0594

9.0612, 11.0508,
24.5775

45.9746, 41.1364,
28.4390

8.9106, 10.8241,
24.5416

50.8324, 44.5389,
28.8397

Harmonies

Analogous

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



18.5156, 20.8945, 24.0423



18.9055, 20.8945, 25.9583



19.5569, 20.8945, 27.0406

Triad

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



18.9055, 20.8945, 25.9583



21.3059, 20.8945, 23.6332



19.4201, 20.8945, 19.0343

Complementary

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



18.9055, 20.8945, 25.9583



19.3949, 19.2776, 18.0283

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.



20.1654, 20.8945, 18.9401



18.9055, 20.8945, 25.9583



21.2671, 20.8945, 21.5059

Square

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



18.9055, 20.8945, 25.9583



20.9502, 20.8945, 25.6425



20.8453, 20.8945, 19.8186



18.8076, 20.8945, 20.0846

Rectangle

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



18.9055, 20.8945, 25.9583



20.0574, 20.8945, 27.1013



20.8453, 20.8945, 19.8186



19.6630, 20.8945, 18.8923

Sweetspot

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



18.9061, 20.8954, 25.9588



38.8697, 41.5039, 47.0108



18.6016, 22.0751, 20.3426



8.9382, 9.5609, 10.8807



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.9061, 20.8954, 25.9588



32.5524, 36.3285, 46.3448



17.5047, 18.0925, 25.4916



4.7016, 5.0788, 5.9333



8.2277, 10.0032, 22.6339



0.0344, 0.0465, 0.0804

Inverse Universe

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



19.7488, 18.3246, 23.2660



34.3368, 30.9849, 40.6201



20.7999, 22.0876, 18.4967



4.8074, 4.7426, 5.5982



11.3311, 5.5968, 11.5817



0.0422, 0.0206, 0.0559

Previews

White Background



This preview shows how the XYZ color 18.9055, 20.8945, 25.9583 looks on a white background.

Color Contrast Check

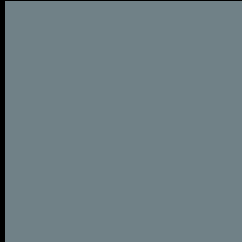
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9055, 20.8945, 25.9583 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

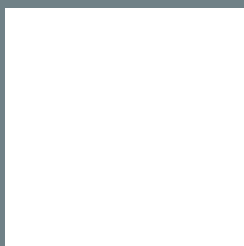
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9055, 20.8945, 25.9583

Background



This preview shows how black text looks on a background with the XYZ color 18.9055, 20.8945, 25.9583.



This preview shows how white text looks on a background with the XYZ color 18.9055, 20.8945,

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

18.9055, 20.8945, 25.9583

Protanopia

20.1714, 20.7963, 25.1412

Deuteranopia

21.0763, 20.6832, 26.1740



Tritanopia

19.1894, 20.8131, 27.4320

Trichromacy



Original Color

18.9055, 20.8945, 25.9583

Protanomaly

19.6491, 20.7079, 25.5157

Deuteranomaly

20.2350, 20.8048, 26.2418

Tritanomaly

19.1167, 20.7840, 27.0489

Monochromacy



Original Color

18.9055, 20.8945, 25.9583

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1690, 20.4998, 23.7154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9055, 20.8945, 25.9583 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, 129, 135)` looks like.

```
.text, #text, p{  
    color:rgb(112, 129, 135)  
}
```

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, 129, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 129, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.9055, 20.8945, 25.9583 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, 129, 135) }
```


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

```
.border{ border-color:rgb(112, 129, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 129, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(112, 129,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9055, 20.8945, 25.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 129, 135) }
```

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

```
.background{ background-color: rgb(112,  
129, 135) }
```

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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