

Converting Colors

XYZ(19.7020, 21.8738, 24.9193)

Have a look what the booklet for
XYZ(19.7020, 21.8738, 24.9193)
contains.

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Color

**XYZ(19.7522, 21.9504,
25.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	758484
RGB	117, 132, 132
RGB Percent	46%, 52%, 52%
CMY	0.5412, 0.4823, 0.4823
CMYK	0.11, 0.00, 0.00, 0.48
HSL	180°, 6%, 49%
HSV	180°, 11%, 52%
XYZ	19.7522, 21.9504, 25.0256
YIQ	127.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

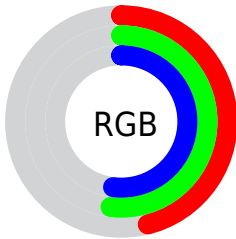
Format	Color
R_{YB}	117, 125, 132
Decimal	7701636
CIE _{Lab}	53.97, -5.45, -1.86
CIE _{LCh}	54, 5.762, 198.881
Yxy	21.9504, 0.2960, 0.3290
Android (android.graphics.Color)	4285891716 (0xFF758484)
YUV	127.5150, 2.2111, -9.2217
Hunter-Lab	46.8513, -6.7352, 1.1261

Details

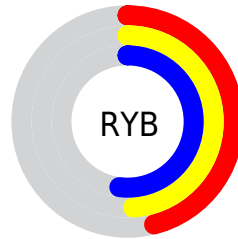
The XYZ color **19.7522, 21.9504, 25.0256** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.0886, 18.9129, 19.4750**, and the grayscale version is **20.3454, 21.4049, 23.3099**.

A 20% lighter version of the original color is **42.4681, 46.6357, 52.6622**, and **7.1088, 8.0763, 9.3678** is the 20% darker color. If you saturate the color by 10%, you get **18.1023, 21.1004, 24.9481**, and if you desaturate by 10%, it is **21.6535, 22.9312, 25.1157**.

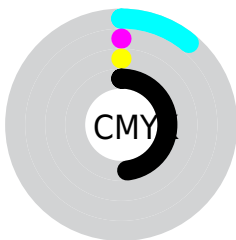
Distribution



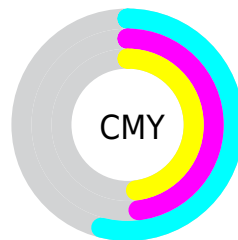
- Red (46%)
- Green (52%)
- Blue (52%)



- Red (46%)
- Yellow (49%)
- Blue (52%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7522, 21.9504, 25.0256 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 19.7522, 21.9504, 25.0256 by changing the saturation by 10% instead.

■ 19.7522, 21.9504,
25.0256

■ 19.7522, 21.9504,
25.0256

243.4297,
262.2871, 291.4172

■ 12.3223, 13.8205,
15.8769

■ 42.5085, 46.6640,
52.6634

■ 7.0373, 7.9959,
9.2837

■ 58.5655, 64.0165,
71.9896

■ 3.5320, 4.0923,
4.8274

■ 78.2289, 85.2119,
95.5454

■ 1.4409, 1.7253,
2.0894

101.8641,
110.6346, 123.7493

■ 0.2851, 0.4400,
0.6094

129.8364,
140.6692, 157.0199

■ 0.0000, 0.0000,
0.0000

162.5112,

175.6998, 195.7757

200.2539,
216.1110, 240.4353

■ 19.7522, 21.9504,
25.0256

■ 19.7522, 21.9504,
25.0256

■ 18.1023, 21.1004,
24.9481

■ 21.6535, 22.9312,
25.1157

■ 16.6914, 20.3731,
24.8814

■ 23.8142, 24.0450,
25.2176

■ 15.5091, 19.7637,
24.8254

■ 26.2440, 25.2976,
25.3320

■ 14.5434, 19.2658,
24.7795

■ 28.9519, 26.6936,
25.4594

■ 13.7811, 18.8729,
24.7431

■ 31.9463, 28.2372,
25.6002

■ 13.2077, 18.5773,
24.7156

■ 35.2351, 29.9326,
25.7548

■ 12.8068, 18.3706,
24.6961

■ 38.8262, 31.7839,
25.9236

■ 12.5589, 18.2428,
24.6838

■ 42.7270, 33.7948,
26.1068

■ 12.4154, 18.1689,
24.6765

■ 46.9447, 35.9691,
26.3049

Harmonies

Analogous

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



19.7118, 21.9504, 23.2460



19.7522, 21.9504, 25.0256



20.0867, 21.9504, 26.5739

Triad

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



19.7522, 21.9504, 25.0256



21.7770, 21.9504, 26.2236



21.0946, 21.9504, 20.6952

Complementary

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



19.7522, 21.9504, 25.0256



19.0886, 18.9129, 19.4750

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.



21.6594, 21.9504, 21.4123



19.7522, 21.9504, 25.0256



22.0585, 21.9504, 24.5667

Square

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



19.7522, 21.9504, 25.0256



21.2525, 21.9504, 27.2889



22.0151, 21.9504, 22.8092



20.4787, 21.9504, 20.8044

Rectangle

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



19.7522, 21.9504, 25.0256



20.4354, 21.9504, 27.2390



22.0151, 21.9504, 22.8092



21.2970, 21.9504, 20.8462

Sweetspot

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



19.7528, 21.9513, 25.0261



37.5391, 40.0810, 44.2107



18.8325, 21.5871, 20.0040



8.6798, 9.3007, 10.2903



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.



19.7528, 21.9513, 25.0261



33.8909, 38.2003, 44.0385



18.8035, 20.0525, 24.7104



4.8016, 5.2789, 5.9665



12.0206, 17.5911, 23.8918



0.0416, 0.0609, 0.0828

Inverse Universe

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



19.0886, 18.9129, 19.4750



32.4462, 31.5916, 31.9645



19.9664, 20.6687, 19.7669



4.6726, 4.6887, 4.8882



9.2137, 4.7498, 0.4317



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 19.7522, 21.9504, 25.0256 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 19.7522, 21.9504, 25.0256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

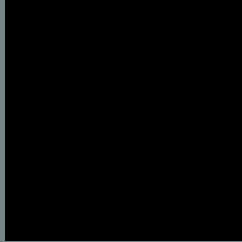
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

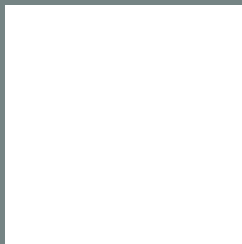
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7522, 21.9504, 25.0256

Background



This preview shows how black text looks on a background with the XYZ color 19.7522, 21.9504, 25.0256.



This preview shows how white text looks on a background with the XYZ color 19.7522, 21.9504,

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

19.7522, 21.9504, 25.0256

Protanopia

21.1085, 21.8753, 24.2289

Deuteranopia

22.2147, 21.8497, 25.2369



Tritanopia

20.5318, 22.0776, 28.3786

Trichromacy



Original Color

19.7522, 21.9504, 25.0256

Protanomaly

20.5512, 21.7748, 24.5925

Deuteranomaly

21.3129, 21.9571, 25.3051

Tritanomaly

20.1750, 21.9191, 27.2122

Monochromacy



Original Color

19.7522, 21.9504, 25.0256

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.1249, 21.5706, 23.8717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7522, 21.9504, 25.0256 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(117, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(117, 132, 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(117, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 132, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.7522, 21.9504, 25.0256 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(117, 132, 132) }
```


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

```
.border{ border-color:rgb(117, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(117, 132,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7522, 21.9504, 25.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 132, 132) }
```

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

```
.background{ background-color: rgb(117,  
132, 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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