

Converting Colors

XYZ(20.0490, 20.8077, 24.9561)

Have a look what the booklet for
XYZ(20.0490, 20.8077, 24.9561)
contains.

XYZ(19.9559, 20.6931, 24.7722)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.9559, 20.6931,
24.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D84
RGB	125, 125, 132
RGB Percent	49%, 49%, 52%
CMY	0.5098, 0.5098, 0.4823
CMYK	0.05, 0.05, 0.00, 0.48
HSL	240°, 3%, 50%
HSV	240°, 5%, 52%
XYZ	19.9559, 20.6931, 24.7722
YIQ	125.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

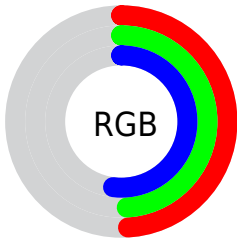
Format	Color
R _{YB}	125, 125, 132
Decimal	8224132
CIE Lab	52.61, 1.44, -3.80
CIE LCh	53, 4.061, 290.697
Yxy	20.6931, 0.3050, 0.3163
Android (android.graphics.Color)	4286414212 (0xFF7D7D84)
YUV	125.7980, 3.0576, -0.6998
Hunter-Lab	45.4897, -1.3006, -0.4446

Details

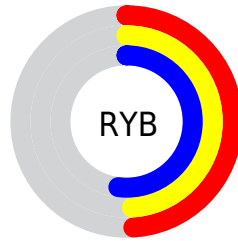
The XYZ color **19.9559, 20.6931, 24.7722** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.4687, 22.8886, 22.6888**, and the grayscale version is **19.7536, 20.7823, 22.6319**.

A 20% lighter version of the original color is **43.0374, 44.8085, 52.2795**, and **7.1263, 7.3299, 9.2228** is the 20% darker color. If you saturate the color by 10%, you get **16.5945, 16.6433, 24.1680**, and if you desaturate by 10%, it is **23.7966, 25.3207, 25.4633**.

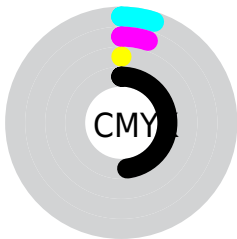
Distribution



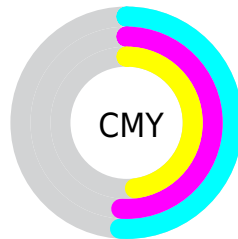
- Red (49%)
- Green (49%)
- Blue (52%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9559, 20.6931, 24.7722 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 19.9559, 20.6931, 24.7722 by changing the saturation by 10% instead.

■ 19.9559, 20.6931,
24.7722

■ 19.9559, 20.6931,
24.7722

244.5144,
255.6430, 290.1128

■ 12.4711, 12.8999,
15.6899

■ 42.8477, 44.5762,
52.2470

■ 7.1398, 7.3596,
9.1530

■ 58.9855, 61.4349,
71.4765

■ 3.5968, 3.6880,
4.7430

■ 78.7382, 82.0841,
94.9256

■ 1.4767, 1.5006,
2.0412

102.4713,
106.9083, 123.0128

■ 0.3099, 0.2892,
0.5804

130.5501,
136.2919, 156.1565

■ 0.0000, 0.0000,
0.0000

163.3400,

170.6193, 194.7755

201.2063,
210.2749, 239.2880

■ 19.9559, 20.6931,
24.7722

■ 19.9559, 20.6931,
24.7722

■ 16.5945, 16.6433,
24.1680

■ 23.7966, 25.3207,
25.4633

■ 13.6920, 13.1461,
23.6459

■ 28.1325, 30.5447,
26.2431

■ 11.2288, 10.1783,
23.2029

■ 32.9810, 36.3862,
27.1151

■ 9.1838, 7.7142,
22.8351

■ 38.3580, 42.8645,
28.0821

■ 7.5336, 5.7258,
22.5383

■ 44.2789, 49.9980,
29.1470

■ 6.2528, 4.1824,
22.3079

■ 50.7583, 57.8044,
30.3123

■ 5.3130, 3.0498,
22.1388

■ 57.8104, 66.3007,
31.5805

■ 4.6816, 2.2889,
22.0252

■ 65.4488, 75.5033,
32.9542

■ 4.3102, 1.8413,
21.9584

■ 73.6867, 85.4281,
34.4357

Harmonies

Analogous

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



19.5375, 20.6931, 24.8994



19.9559, 20.6931, 24.7722



20.3018, 20.6931, 24.0331

Triad

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



19.9559, 20.6931, 24.7722



20.1858, 20.6931, 20.7831



18.8794, 20.6931, 22.1583

Complementary

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



19.9559, 20.6931, 24.7722



21.4687, 22.8886, 22.6888

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.



19.0479, 20.6931, 21.0933



19.9559, 20.6931, 24.7722



19.7994, 20.6931, 20.3182

Square

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



19.9559, 20.6931, 24.7722



20.4358, 20.6931, 21.7211



19.3832, 20.6931, 20.4297



18.9200, 20.6931, 23.3613

Rectangle

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



19.9559, 20.6931, 24.7722



20.4427, 20.6931, 23.3070



19.3832, 20.6931, 20.4297



18.9134, 20.6931, 21.7730

Sweetspot

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



19.9565, 20.6940, 24.7727



37.2627, 38.9940, 44.0158



20.8659, 22.5256, 25.0364



8.6971, 9.1046, 10.2517



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.



19.9565, 20.6940, 24.7727



34.6290, 35.8208, 43.5421



20.4587, 20.9525, 24.7961



4.6617, 4.8184, 5.8851



4.0330, 1.6138, 21.2356



0.0140, 0.0056, 0.0736

Inverse Universe

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



20.5515, 21.0538, 22.3836



35.8348, 36.5501, 38.7005



20.9484, 22.6207, 22.6645



4.8314, 4.9211, 5.2039



9.2138, 4.7499, 0.4322



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 19.9559, 20.6931, 24.7722 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 19.9559, 20.6931, 24.7722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

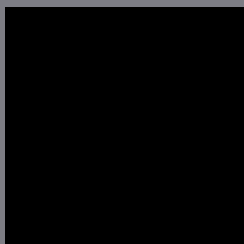
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.9559, 20.6931, 24.7722

Background



This preview shows how black text looks on a background with the XYZ color 19.9559, 20.6931, 24.7722.



This preview shows how white text looks on a background with the XYZ color 19.9559, 20.6931,

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

19.9559, 20.6931, 24.7722

Protanopia

20.1027, 20.7688, 24.7790

Deuteranopia

21.0247, 20.6809, 25.0740



Tritanopia

20.0941, 20.7484, 25.5000

Trichromacy

**Original Color**

19.9559, 20.6931, 24.7722

Protanomaly

20.1027, 20.7688, 24.7790

Deuteranomaly

20.6767, 20.6847, 25.0931

Tritanomaly

20.0247, 20.7207, 25.1344

Monochromacy

**Original Color**

19.9559, 20.6931, 24.7722

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9613, 20.9158, 23.4072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9559, 20.6931, 24.7722 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(125, 125, 132) looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 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(125, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.9559, 20.6931, 24.7722 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(125, 125, 132) }
```


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

```
.border{ border-color:rgb(125, 125, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9559, 20.6931, 24.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 132) }
```

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

```
.background{ background-color: rgb(125,  
125, 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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