

Converting Colors

XYZ(20.7501, 26.5996, 39.1373)

Have a look what the booklet for
XYZ(20.7501, 26.5996, 39.1373)
contains.

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Color

**XYZ(20.7531, 26.5927,
39.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	4A98A4
RGB	74, 152, 164
RGB Percent	29%, 60%, 64%
CMY	0.7098, 0.4039, 0.3569
CMYK	0.55, 0.07, 0.00, 0.36
HSL	188°, 38%, 47%
HSV	188°, 55%, 64%
XYZ	20.7531, 26.5927, 39.1610
YIQ	130.0460, -50.3400, -12.8040

Conversions

Conversions Part 2

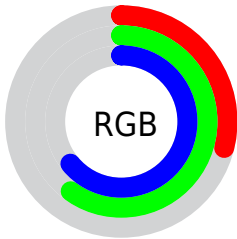
Format	Color
R_{YB}	74, 116, 164
Decimal	4888740
CIE _{Lab}	58.60, -20.45, -13.62
CIE _{LCh}	59, 24.569, 213.661
Yxy	26.5927, 0.2399, 0.3074
Android (android.graphics.Color)	4283078820 (0xFF4A98A4)
YUV	130.0460, 16.7393, -49.1523
Hunter-Lab	51.5681, -18.4086, -8.9274

Details

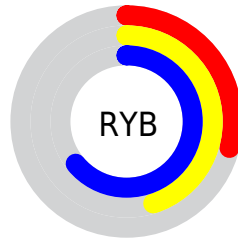
The XYZ color **20.7531, 26.5927, 39.1610** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.8741, 15.0430, 8.3353**, and the grayscale version is **21.1905, 22.2941, 24.2783**.

A 20% lighter version of the original color is **44.0634, 54.0029, 75.1191**, and **7.5783, 10.4772, 16.9521** is the 20% darker color. If you saturate the color by 10%, you get **19.2999, 25.3222, 38.9928**, and if you desaturate by 10%, it is **22.5436, 28.0480, 39.3480**.

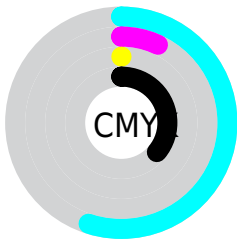
Distribution



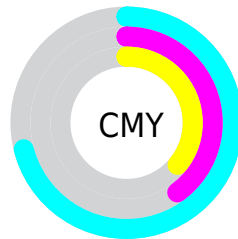
- Red (29%)
- Green (60%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (55%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7531, 26.5927, 39.1610 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 20.7531, 26.5927, 39.1610 by changing the saturation by 10% instead.

■ 20.7531, 26.5927,
39.1610

■ 20.7531, 26.5927,
39.1610

■ 248.7201,
285.6796, 358.0209

■ 13.0551, 17.2676,
26.5762

■ 44.1706, 54.2296,
75.1073

■ 7.5437, 10.4254,
17.0256

■ 60.6209, 73.3101,
99.3058

■ 3.8537, 5.6819,
10.0906

■ 80.7192, 96.4113,
128.2127

■ 1.6197, 2.6527,
5.3527

■ 104.8310,
123.9174, 162.2464

■ 0.4052, 0.9532,
2.3933

■ 133.3217,
156.2129, 201.8256

■ 0.0000, 0.0000,
0.7828

166.5565,

■ 0.0000, 0.0000,

193.6822, 247.3687

0.0000

204.9008,
236.7096, 299.2943

■ 20.7531, 26.5927,
39.1610

■ 20.7531, 26.5927,
39.1610

■ 19.2999, 25.3222,
38.9928

■ 22.5436, 28.0480,
39.3480

■ 18.1554, 24.2198,
38.8404

■ 24.6924, 29.6972,
39.5531

■ 17.2903, 23.2711,
38.7029

■ 27.2215, 31.5523,
39.7779

■ 16.6672, 22.4568,
38.5785

■ 30.1505, 33.6234,
40.0232

■ 16.3943, 22.0671,
38.5177

■ 33.4977, 35.9199,
40.2901

■ 37.2801, 38.4509,
40.5793

■ 41.5138, 41.2245,
40.8915

■ 46.2143, 44.2487,
41.2275

■ 51.3959, 47.5312,
41.5880

Harmonies

Analogous

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



19.9229, 26.5927, 30.0275



20.7531, 26.5927, 39.1610



22.7910, 26.5927, 46.5177

Triad

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



20.7531, 26.5927, 39.1610



30.8320, 26.5927, 36.9591



24.9074, 26.5927, 15.3511

Complementary

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



20.7531, 26.5927, 39.1610



19.8741, 15.0430, 8.3353

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.



27.9345, 26.5927, 16.4842



20.7531, 26.5927, 39.1610



31.5101, 26.5927, 27.9082

Square

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



20.7531, 26.5927, 39.1610



28.6251, 26.5927, 45.0793



30.4115, 26.5927, 20.6967



22.1981, 26.5927, 17.2228

Rectangle

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



20.7531, 26.5927, 39.1610



24.6412, 26.5927, 48.7772



30.4115, 26.5927, 20.6967



25.9207, 26.5927, 15.3955

Sweetspot

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



20.7539, 26.5937, 39.1616



53.9244, 60.4711, 72.5823



17.7200, 28.6552, 13.0883



11.5558, 13.0567, 15.8487



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.7539, 26.5937, 39.1616



34.4920, 45.4634, 70.7097



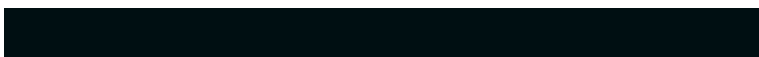
14.9410, 14.9678, 37.2240



7.1952, 7.8494, 9.0389



12.5952, 16.9698, 29.5414



0.2855, 0.3983, 0.6277

Inverse Universe

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



23.4268, 15.0578, 31.3786



40.0515, 23.0249, 54.1723



24.4627, 24.2202, 9.8649



7.3235, 7.1859, 8.6900



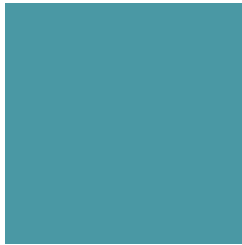
15.5029, 7.5572, 20.3709



0.3363, 0.1630, 0.4834

Previews

White Background



This preview shows how the XYZ color 20.7531, 26.5927, 39.1610 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 20.7531, 26.5927, 39.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

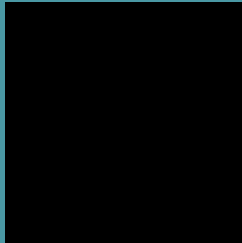
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7531, 26.5927, 39.1610

Background



This preview shows how black text looks on a background with the XYZ color 20.7531, 26.5927, 39.1610.



This preview shows how white text looks on a background with the XYZ color 20.7531, 26.5927,

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

20.7531, 26.5927, 39.1610

Protanopia

25.7146, 26.2688, 35.1676

Deuteranopia

26.7359, 26.2568, 40.2181



Tritanopia

20.7531, 26.5927, 39.1610

Trichromacy



Original Color

20.7531, 26.5927, 39.1610

Protanomaly

23.3015, 26.0946, 36.6095

Deuteranomaly

23.7584, 25.8122, 39.8064

Tritanomaly

20.7531, 26.5927, 39.1610

Monochromacy



Original Color

20.7531, 26.5927, 39.1610

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4014, 23.4449, 29.0412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7531, 26.5927, 39.1610 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(74, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(74, 152, 164)  
}
```

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(74, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 20.7531, 26.5927, 39.1610 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(74, 152, 164) }
```


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

```
.border{ border-color:rgb(74, 152, 164) }
```

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

Here you see how a box with a 4 pixel rgb(74, 152, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(74, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7531, 26.5927, 39.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 152, 164) }
```

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

```
.background{ background-color: rgb(74, 152,  
164) }
```

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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