

Converting Colors

XYZ(20.5226, 26.5921, 44.3309)

Have a look what the booklet for
XYZ(20.5226, 26.5921, 44.3309)
contains.

XYZ(20.4994, 26.5953, 44.0974)	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(20.4994, 26.5953,
44.0974)**

Conversions

Conversions Part 1

Format	Color
Hex	3599AE
RGB	53, 153, 174
RGB Percent	21%, 60%, 68%
CMY	0.7921, 0.4000, 0.3176
CMYK	0.70, 0.12, 0.00, 0.32
HSL	190°, 53%, 45%
HSV	190°, 70%, 68%
XYZ	20.4994, 26.5953, 44.0974
YIQ	125.4940, -66.3410, -14.6690

Conversions

Conversions Part 2

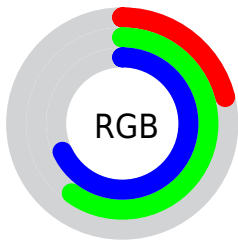
Format	Color
RYB	53, 108, 174
Decimal	3512750
CIELab	58.60, -21.69, -19.36
CIElCh	59, 29.072, 221.742
Yxy	26.5953, 0.2248, 0.2916
Android (android.graphics.Color)	4281702830 (0xFF3599AE)
YUV	125.4940, 23.9135, -63.5772
Hunter-Lab	51.5706, -19.2946, -14.5987




Details

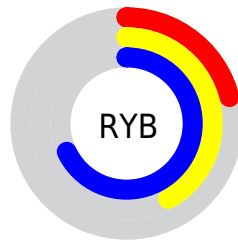
The XYZ color **20.4994, 26.5953, 44.0974** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.5478, 14.1543, 5.0181**, and the grayscale version is **19.5984, 20.6191, 22.4542**.




A 20% lighter version of the original color is **43.9090, 54.4698, 83.0624**, and **8.2642, 10.9079, 20.0822** is the 20% darker color. If you saturate the color by 10%, you get **19.2575, 25.2311, 43.9000**, and if you desaturate by 10%, it is **22.0875, 28.1576, 44.3158**.

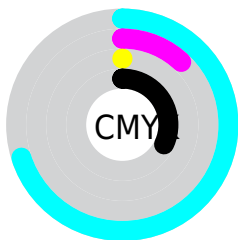
Distribution







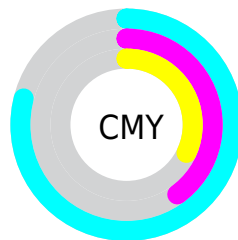
-  Red (21%)
-  Green (60%)
-  Blue (68%)






-  Red (21%)
-  Yellow (42%)
-  Blue (68%)



-  Cyan (70%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (79%)
-  Magenta (40%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4994, 26.5953, 44.0974 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 20.4994, 26.5953, 44.0974 by changing the saturation by 10% instead.

20.4994, 26.5953,
44.0974

20.4994, 26.5953,
44.0974

247.3884,
285.6923, 379.1586

12.8689, 17.2695,
30.4093

43.7505, 54.2338,
82.6683

7.4147, 10.4268,
19.8948

60.1018, 73.3152,
108.3883

3.7714, 5.6829,
12.1353

80.0908, 96.4174,
138.9559

1.5737, 2.6532,
6.7122

104.0828,
123.9246, 174.7898

0.3751, 0.9535,
3.2071

132.4433,
156.2213, 216.3085

0.0000, 0.0000,
1.2013

165.5374,

0.0000, 0.0000,

193.6919, 263.9304

0.0000

203.7307,
236.7208, 318.0743

■ 20.4994, 26.5953,
44.0974

■ 20.4994, 26.5953,
44.0974

■ 19.2575, 25.2311,
43.9000

■ 22.0875, 28.1576,
44.3158

■ 18.3213, 24.0424,
43.7199

■ 24.0517, 29.9320,
44.5547

■ 17.6147, 22.9903,
43.5541

■ 26.4214, 31.9343,
44.8163

■ 17.5834, 22.9427,
43.5466

■ 29.2223, 34.1778,
45.1017

■ 32.4780, 36.6749,
45.4121

■ 36.2103, 39.4369,
45.7485

■ 40.4396, 42.4745,
46.1119

■ 45.1851, 45.7977,
46.5032

■ 50.4649, 49.4159,
46.9234

Harmonies

Analogous

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



19.1417, 26.5953, 33.1404



20.4994, 26.5953, 44.0974



23.1902, 26.5953, 51.8950

Triad

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



20.4994, 26.5953, 44.0974



32.3644, 26.5953, 35.5559



23.9082, 26.5953, 13.6730

Complementary

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



20.4994, 26.5953, 44.0974



20.5478, 14.1543, 5.0181

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.



27.4876, 26.5953, 14.0263



20.4994, 26.5953, 44.0974



32.6029, 26.5953, 25.1427

Square

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



20.4994, 26.5953, 44.0974



30.1232, 26.5953, 46.2197



30.7470, 26.5953, 17.7530



20.9824, 26.5953, 16.6381

Rectangle

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



20.4994, 26.5953, 44.0974



25.4870, 26.5953, 53.3537



30.7470, 26.5953, 17.7530



25.0702, 26.5953, 13.4308

Sweetspot

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



20.5003, 26.5963, 44.0980



57.7636, 65.6571, 82.2655



17.8132, 31.5129, 11.4772



12.4749, 14.3160, 18.2501



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



20.5003, 26.5963, 44.0980



34.0284, 44.6649, 79.4646



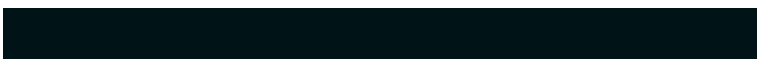
13.0528, 11.7014, 41.6156



8.1163, 8.8320, 10.2297



12.7915, 16.7169, 31.5970



0.3865, 0.5263, 0.8892

Inverse Universe

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



24.4792, 13.8457, 31.5202



42.1412, 21.6531, 53.1493



26.5781, 26.2150, 7.0283



8.2765, 8.1239, 9.7669



16.3202, 7.9906, 19.8635



0.4695, 0.2285, 0.6340

Previews

White Background



This preview shows how the XYZ color 20.4994, 26.5953, 44.0974 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 20.4994, 26.5953, 44.0974 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

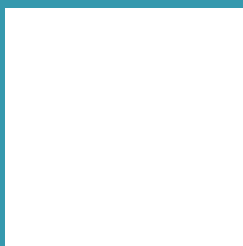
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4994, 26.5953, 44.0974

Background



This preview shows how black text looks on a background with the XYZ color 20.4994, 26.5953, 44.0974.



This preview shows how white text looks on a background with the XYZ color 20.4994, 26.5953,

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

20.4994, 26.5953, 44.0974

Protanopia

25.9251, 26.2965, 38.8313

Deuteranopia

26.7130, 26.1340, 45.2314



Tritanopia

19.7496, 26.5296, 40.6390

Trichromacy



Original Color

20.4994, 26.5953, 44.0974

Protanomaly

22.8668, 25.7769, 40.8160

Deuteranomaly

23.4846, 25.7828, 44.8131

Tritanomaly

20.1267, 26.6916, 42.1214

Monochromacy



Original Color

20.4994, 26.5953, 44.0974

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7675, 21.9638, 29.2369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4994, 26.5953, 44.0974 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(53, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(53, 153, 174)  
}
```

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(53, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 153, 174) }
```

Border

The CSS property to change the border of an element to XYZ 20.4994, 26.5953, 44.0974 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(53, 153, 174) }
```


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

```
.border{ border-color:rgb(53, 153, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(53, 153,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4994, 26.5953, 44.0974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 153, 174) }
```

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

```
.background{ background-color: rgb(53, 153,  
174) }
```

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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