

Converting Colors

XYZ(20.6531, 20.3236, 32.5401)

Have a look what the booklet for
XYZ(20.6531, 20.3236, 32.5401)
contains.

XYZ(20.6531, 20.3236, 32.5401)	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(20.6531, 20.3236,
32.5401)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7A98
RGB	122, 122, 152
RGB Percent	48%, 48%, 60%
CMY	0.5216, 0.5216, 0.4039
CMYK	0.20, 0.20, 0.00, 0.40
HSL	240°, 13%, 54%
HSV	240°, 20%, 60%
XYZ	20.6531, 20.3236, 32.5401
YIQ	125.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

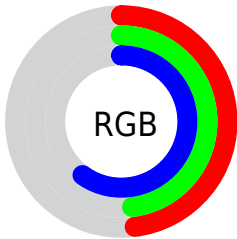
Format	Color
R _Y B	122, 122, 152
Decimal	8026776
CIE Lab	52.20, 6.63, -16.13
CIE LCh	52, 17.436, 292.339
Yxy	20.3236, 0.2809, 0.2764
Android (android.graphics.Color)	4286216856 (0xFF7A7A98)
YUV	125.4200, 13.1039, -2.9993
Hunter-Lab	45.0817, 2.8825, -11.2385

Details

The XYZ color **20.6531, 20.3236, 32.5401** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.6903, 30.5373, 22.8479**, and the grayscale version is **19.5946, 20.6150, 22.4498**.

A 20% lighter version of the original color is **43.9558, 43.8423, 64.5382**, and **7.4792, 7.1211, 13.2922** is the 20% darker color. If you saturate the color by 10%, you get **16.9443, 15.8548, 31.8733**, and if you desaturate by 10%, it is **24.9917, 25.5514, 33.3208**.

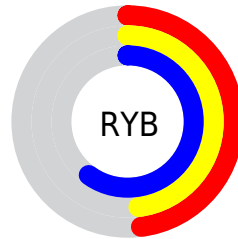
Distribution



Red (48%)

Green (48%)

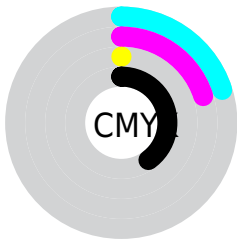
Blue (60%)



Red (48%)

Yellow (48%)

Blue (60%)

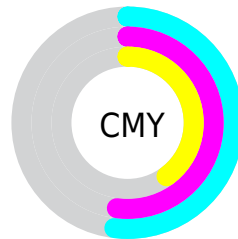


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6531, 20.3236, 32.5401 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 20.6531, 20.3236, 32.5401 by changing the saturation by 10% instead.

■ 20.6531, 20.3236,
32.5401

■ 20.6531, 20.3236,
32.5401

248.1959,
253.6616, 328.1405

■ 12.9817, 12.6305,
21.5061

■ 44.0051, 43.9591,
64.7646

■ 7.4928, 7.1746,
13.2996

■ 60.4164, 60.6702,
86.7921

■ 3.8212, 3.5715,
7.5021

■ 80.4717, 81.1561,
113.3213

■ 1.6015, 1.4369,
3.6948

104.5364,
105.8013, 144.7707

■ 0.3934, 0.2437,
1.4595

132.9758,
134.9900, 181.5587

■ 0.0000, 0.0000,
0.1875

166.1553,

■ 0.0000, 0.0000,

169.1067, 224.1040

0.0000

204.4402,
208.5358, 272.8251

■ 20.6531, 20.3236,
32.5401

■ 20.6531, 20.3236,
32.5401

■ 16.9443, 15.8548,
31.8733

■ 24.9917, 25.5514,
33.3208

■ 13.8343, 12.1075,
31.3140

■ 29.9855, 31.5686,
34.2191

■ 11.2924, 9.0446,
30.8567

■ 35.6608, 38.4069,
35.2399

■ 9.2841, 6.6247,
30.4955

■ 42.0417, 46.0955,
36.3876

■ 7.7715, 4.8021,
30.2234

■ 49.1515, 54.6622,
37.6664

■ 6.7115, 3.5250,
30.0328

■ 57.0120, 64.1336,
39.0803

■ 6.0540, 2.7326,
29.9145

■ 65.6444, 74.5350,
40.6330

■ 5.6770, 2.2784,
29.8467

■ 75.0690, 85.8910,
42.3282

■ 5.6676, 2.2671,
29.8450

■ 82.6676, 95.0470,
43.6950

Harmonies

Analogous

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



18.8624, 20.3236, 33.3891



20.6531, 20.3236, 32.5401



22.1678, 20.3236, 28.7049

Triad

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



20.6531, 20.3236, 32.5401



21.4941, 20.3236, 15.2150



16.1067, 20.3236, 20.8424

Complementary

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



20.6531, 20.3236, 32.5401



27.6903, 30.5373, 22.8479

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.



16.7217, 20.3236, 16.6428



20.6531, 20.3236, 32.5401



19.7788, 20.3236, 13.7363

Square

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



20.6531, 20.3236, 32.5401



22.6739, 20.3236, 18.5943



18.0397, 20.3236, 14.2154



16.3089, 20.3236, 26.0854

Rectangle

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



20.6531, 20.3236, 32.5401



22.7808, 20.3236, 25.2518



18.0397, 20.3236, 14.2154



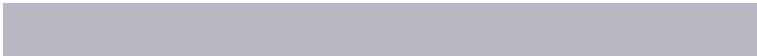
16.2233, 20.3236, 19.2748

Sweetspot

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



20.6537, 20.3244, 32.5406



47.1664, 48.7802, 59.3632



24.8814, 28.8451, 33.7482



10.6059, 10.9493, 13.4719



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6537, 20.3244, 32.5406



33.2227, 31.9790, 56.8552



22.8623, 21.4629, 32.6439



5.8845, 6.0263, 7.7820



4.7521, 1.9009, 25.0241



0.0710, 0.0284, 0.3741

Inverse Universe

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



23.4218, 22.0003, 21.4252



39.0823, 35.5264, 33.3261



25.1403, 29.2228, 22.7286



6.2088, 6.2227, 6.4797



10.8574, 5.5972, 0.5082



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 20.6531, 20.3236, 32.5401 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 20.6531, 20.3236, 32.5401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

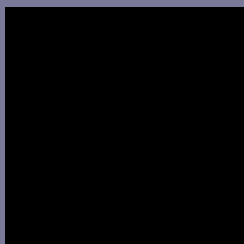
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6531, 20.3236, 32.5401

Background



This preview shows how black text looks on a background with the XYZ color 20.6531, 20.3236, 32.5401.



This preview shows how white text looks on a background with the XYZ color 20.6531, 20.3236,

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

20.6531, 20.3236, 32.5401

Protanopia

20.3039, 20.3174, 32.9885

Deuteranopia

20.7954, 20.3970, 32.5467



Tritanopia

19.3145, 20.3384, 25.8294

Trichromacy



Original Color

20.6531, 20.3236, 32.5401

Protanomaly

20.4405, 20.3878, 32.9949

Deuteranomaly

20.7954, 20.3970, 32.5467

Tritanomaly

19.7611, 20.3315, 28.0821

Monochromacy



Original Color

20.6531, 20.3236, 32.5401

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8930, 20.4497, 25.8204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6531, 20.3236, 32.5401 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(122, 122, 152)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 152)  
}
```

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(122, 122, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 152) }
```

Border

The CSS property to change the border of an element to XYZ 20.6531, 20.3236, 32.5401 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(122, 122, 152) }
```


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

```
.border{ border-color:rgb(122, 122, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 122, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 152);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6531, 20.3236, 32.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 152) }
```

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

```
.background{ background-color: rgb(122,  
122, 152) }
```

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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