

Converting Colors

XYZ(20.5927, 21.4190, 36.5401)

Have a look what the booklet for
XYZ(20.5927, 21.4190, 36.5401)
contains.

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Color

**XYZ(20.5826, 21.3265,
36.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	6E80A1
RGB	110, 128, 161
RGB Percent	43%, 50%, 63%
CMY	0.5686, 0.4980, 0.3686
CMYK	0.32, 0.20, 0.00, 0.37
HSL	219°, 21%, 53%
HSV	219°, 32%, 63%
XYZ	20.5826, 21.3265, 36.7498
YIQ	126.3800, -21.3210, 6.4470

Conversions

Conversions Part 2

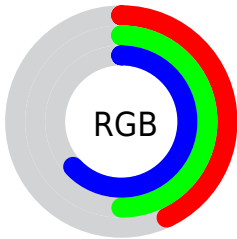
Format	Color
R_{YB}	110, 123, 161
Decimal	7241889
CIE _{Lab}	53.30, 1.53, -19.76
CIE _{LCh}	53, 19.817, 274.419
Yxy	21.3265, 0.2617, 0.2711
Android (android.graphics.Color)	4285431969 (0xFF6E80A1)
YUV	126.3800, 17.0677, -14.3653
Hunter-Lab	46.1806, -1.2590, -14.8556

Details

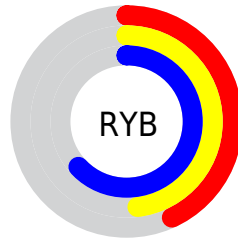
The XYZ color **20.5826, 21.3265, 36.7498** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **27.3353, 28.3482, 18.7836**, and the grayscale version is **19.9100, 20.9468, 22.8111**.

A 20% lighter version of the original color is **44.0228, 45.7921, 71.4843**, and **7.4198, 7.6567, 15.5548** is the 20% darker color. If you saturate the color by 10%, you get **17.4688, 17.8070, 36.2350**, and if you desaturate by 10%, it is **24.2013, 25.3143, 37.3292**.

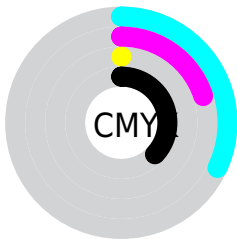
Distribution



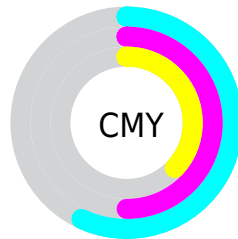
- Red (43%)
- Green (50%)
- Blue (63%)



- Red (43%)
- Yellow (48%)
- Blue (63%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (57%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5826, 21.3265, 36.7498 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 20.5826, 21.3265, 36.7498 by changing the saturation by 10% instead.

■ 20.5826, 21.3265,
36.7498

■ 20.5826, 21.3265,
36.7498

247.8258,
259.0086, 347.3620

■ 12.9300, 13.3629,
24.7196

■ 43.8884, 45.6303,
71.3698

■ 7.4570, 7.6789,
15.6511

■ 60.2722, 62.7392,
94.7967

■ 3.7984, 3.8902,
9.1260

■ 80.2971, 83.6654,
122.8595

■ 1.5887, 1.6123,
4.7255

■ 104.3285,
108.7932, 155.9769

■ 0.3850, 0.3659,
2.0312

132.7317,
138.5071, 194.5673

■ 0.0000, 0.0000,
0.5744

165.8721,

■ 0.0000, 0.0000,

173.1913, 239.0492

0.0000

204.1150,
213.2303, 289.8413

■ 20.5826, 21.3265,
36.7498

■ 20.5826, 21.3265,
36.7498

■ 17.4688, 17.8070,
36.2350

■ 24.2013, 25.3143,
37.3292

■ 14.8339, 14.7349,
35.7808

■ 28.3450, 29.7855,
37.9738

■ 12.6527, 12.0909,
35.3855

■ 33.0353, 34.7572,
38.6862

■ 10.8963, 9.8536,
35.0462

■ 38.2920, 40.2451,
39.4684

■ 9.5326, 7.9989,
34.7601

■ 44.1336, 46.2642,
40.3224

■ 8.5240, 6.4998,
34.5239

■ 50.5781, 52.8288,
41.2498

■ 7.8876, 5.4822,
34.3610

■ 57.6424, 59.9526,
42.2525

■ 65.3428, 67.6489,
43.3322

■ 73.6952, 75.9303,
44.4904

Harmonies

Analogous

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



18.5777, 21.3265, 35.2785



20.5826, 21.3265, 36.7498



22.6370, 21.3265, 34.1151

Triad

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



20.5826, 21.3265, 36.7498



23.7835, 21.3265, 17.2835



16.8449, 21.3265, 18.5810

Complementary

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



20.5826, 21.3265, 36.7498



27.3353, 28.3482, 18.7836

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.



18.0744, 21.3265, 14.9346



20.5826, 21.3265, 36.7498



22.0625, 21.3265, 14.2812

Square

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



20.5826, 21.3265, 36.7498



24.5642, 21.3265, 22.3421



19.9610, 21.3265, 13.5016



16.5082, 21.3265, 24.1225

Rectangle

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



20.5826, 21.3265, 36.7498



23.7313, 21.3265, 30.6130



19.9610, 21.3265, 13.5016



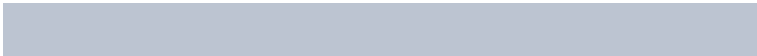
17.1631, 21.3265, 17.1263

Sweetspot

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



20.5833, 21.3273, 36.7503



51.9500, 54.6101, 68.1893



24.0809, 30.7672, 30.3795



11.1632, 11.7310, 14.9196



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.5833, 21.3273, 36.7503



32.8456, 33.6729, 65.1549



19.3189, 17.4939, 36.0770



6.8955, 7.2499, 8.9390



6.3349, 4.4492, 27.4547



0.1763, 0.1799, 0.5913

Inverse Universe

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



24.1707, 20.2881, 23.0649



40.4025, 31.8979, 36.2339



28.9243, 33.5056, 19.6953



7.1722, 7.1253, 7.8933



12.3430, 6.2933, 3.7310



0.2812, 0.1410, 0.1933

Previews

White Background



This preview shows how the XYZ color 20.5826, 21.3265, 36.7498 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 20.5826, 21.3265, 36.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

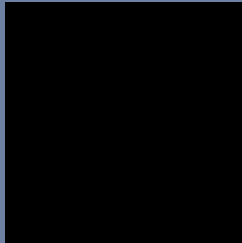
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

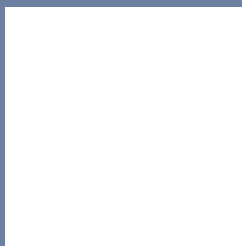
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5826, 21.3265, 36.7498

Background



This preview shows how black text looks on a background with the XYZ color 20.5826, 21.3265, 36.7498.



This preview shows how white text looks on a background with the XYZ color 20.5826, 21.3265,

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

20.5826, 21.3265, 36.7498

Protanopia

21.3266, 21.3469, 35.7972

Deuteranopia

21.7404, 21.3408, 37.1558



Tritanopia

18.9426, 21.2498, 28.6944

Trichromacy



Original Color

20.5826, 21.3265, 36.7498

Protanomaly

21.1370, 21.4298, 36.2800

Deuteranomaly

21.3186, 21.3123, 37.1725

Tritanomaly

19.4709, 21.2610, 31.5113

Monochromacy



Original Color

20.5826, 21.3265, 36.7498

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9953, 21.0359, 27.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5826, 21.3265, 36.7498 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(110, 128, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 128, 161)  
}
```

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(110, 128, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 128, 161) }
```

Border

The CSS property to change the border of an element to XYZ 20.5826, 21.3265, 36.7498 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(110, 128, 161) }
```


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

```
.border{ border-color:rgb(110, 128, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 128, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 128, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 128, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 128,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5826, 21.3265, 36.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 128, 161) }
```

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

```
.background{ background-color: rgb(110,  
128, 161) }
```

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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